

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007996.D
 Acq On : 12 Mar 2019 05:48
 Operator : JC/SP
 Sample : VX0311WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

Quant Time: Mar 12 08:49:25 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	246590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	129818	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.50	113	115271	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	428246	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	150448	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38929	18.478	ug/l	100
3) Chloromethane	1.33	50	51710	19.046	ug/l	100
4) Vinyl Chloride	1.41	62	53430	19.806	ug/l	98
5) Bromomethane	1.64	94	30563	23.546	ug/l	98
6) Chloroethane	1.73	64	34601	19.307	ug/l	97
7) Trichlorofluoromethane	1.93	101	69864	19.892	ug/l	97
8) Diethyl Ether	2.19	74	31143	20.477	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41902	19.252	ug/l	99
10) Methyl Iodide	2.51	142	63316	20.506	ug/l	98
11) Tert butyl alcohol	3.07	59	62675	107.738	ug/l	100
12) 1,1-Dichloroethene	2.38	96	42232	20.130	ug/l	94
13) Acrolein	2.30	56	28650	88.032	ug/l	98
14) Allyl chloride	2.73	41	79865	18.116	ug/l	99
15) Acrylonitrile	3.15	53	146026	99.449	ug/l	100
16) Acetone	2.45	43	120797	80.230	ug/l	98
17) Carbon Disulfide	2.57	76	124216	19.220	ug/l	99
18) Methyl Acetate	2.78	43	67363	21.060	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	148664	20.597	ug/l	99
20) Methylene Chloride	2.86	84	47921	19.998	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	44318	19.198	ug/l	99
22) Diisopropyl ether	3.87	45	159588	19.748	ug/l	99
23) Vinyl Acetate	3.82	43	670940	94.675	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85717	19.710	ug/l	99
25) 2-Butanone	4.70	43	198848	93.286	ug/l	100
26) 2,2-Dichloropropane	4.59	77	38368	13.316	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	52780	19.980	ug/l	95
28) Bromochloromethane	5.02	49	41871	20.651	ug/l	97
29) Tetrahydrofuran	5.15	42	133029	100.050	ug/l	99
30) Chloroform	5.21	83	83649	20.333	ug/l	99
31) Cyclohexane	5.57	56	75691	18.937	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	68775	20.149	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62609	18.958	ug/l	99
37) Ethyl Acetate	4.86	43	74469	19.002	ug/l	99
38) Carbon Tetrachloride	5.79	117	60092	19.166	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72063	18.008	ug/l	97
40) Benzene	6.14	78	194987	19.832	ug/l	100
41) Methacrylonitrile	5.06	41	41907	19.613	ug/l	98
42) 1,2-Dichloroethane	6.20	62	63950	19.889	ug/l	100
43) Isopropyl Acetate	6.46	43	113153	19.509	ug/l	99
44) Trichloroethene	7.21	130	54285	20.035	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51971	20.014	ug/l	100
46) Dibromomethane	7.66	93	32716	19.908	ug/l	99
47) Bromodichloromethane	7.90	83	59816	19.198	ug/l	99
48) Methyl methacrylate	7.77	41	59173	19.404	ug/l	98
49) 1,4-Dioxane	7.75	88	25864	412.882	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	379154	101.648	ug/l	99
52) Toluene	8.79	92	121219	20.195	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60011	18.453	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68096	18.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49467	20.358	ug/l	99
56) Ethyl methacrylate	9.18	69	74872	20.522	ug/l	97
57) 1,3-Dichloropropane	9.37	76	82589	20.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	195121	103.391	ug/l	99
59) 2-Hexanone	9.49	43	282168	97.436	ug/l	99
60) Dibromochloromethane	9.58	129	50058	19.709	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51368	19.911	ug/l	99
64) Tetrachloroethene	9.34	164	56136	20.973	ug/l	98
65) Chlorobenzene	10.14	112	132146	19.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	47974	19.805	ug/l	99
67) Ethyl Benzene	10.25	91	219990	19.773	ug/l	99
68) m/p-Xylenes	10.36	106	169187	39.453	ug/l	99
69) o-Xylene	10.69	106	82260	19.869	ug/l	99
70) Styrene	10.71	104	136381	20.130	ug/l	100
71) Bromoform	10.85	173	40129	19.291	ug/l #	100
73) Isopropylbenzene	11.02	105	222133	20.901	ug/l	99
74) N-amyl acetate	10.90	43	96083	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73770	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80873	24.525	ug/l	91
77) Bromobenzene	11.26	156	59198	20.316	ug/l	99
78) n-propylbenzene	11.36	91	242208	20.542	ug/l	99
79) 2-Chlorotoluene	11.42	91	148264	20.566	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181106	20.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17538	17.000	ug/l	94
82) 4-Chlorotoluene	11.51	91	166758	20.185	ug/l	100
83) tert-Butylbenzene	11.77	119	176128	19.989	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	185732	20.712	ug/l	99
85) sec-Butylbenzene	11.94	105	214963	20.714	ug/l	99
86) p-Isopropyltoluene	12.06	119	191586	20.614	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103772	20.130	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	103614	19.627	ug/l	99
89) n-Butylbenzene	12.39	91	152616	19.383	ug/l	99
90) Hexachloroethane	12.60	117	30793	19.817	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	103875	20.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14733	19.229	ug/l	97

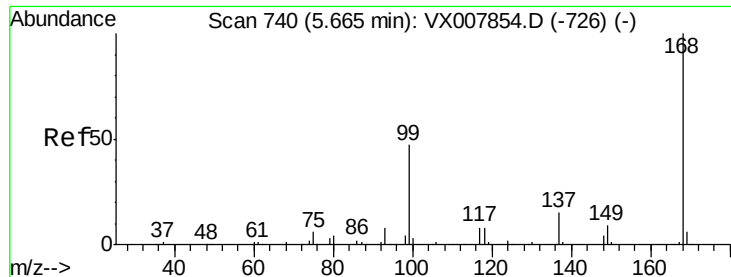
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70514	19.600	ug/l	100
94) Hexachlorobutadiene	13.78	225	37808	20.101	ug/l	99
95) Naphthalene	13.83	128	211554	20.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71777	20.028	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

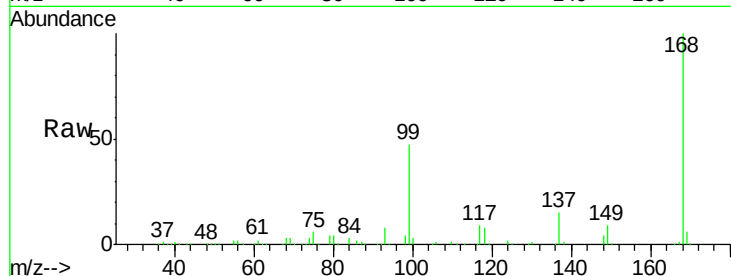
VX0311WBSD03

Tot Ion:168 Resp: 246590

Ion Ratio Lower Upper

168 100

99 46.9 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

100000

80000

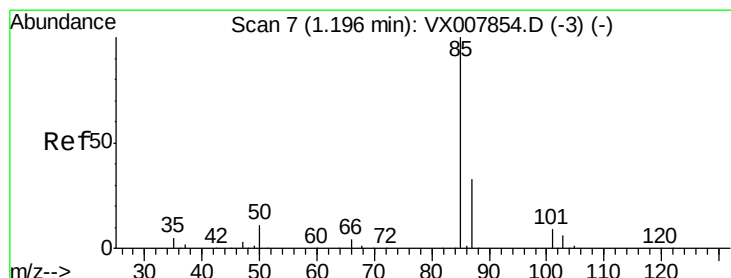
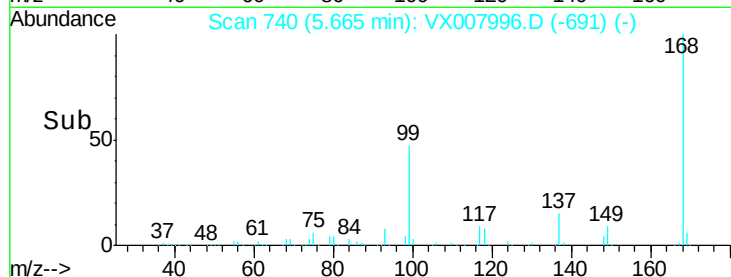
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.478 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007996.D

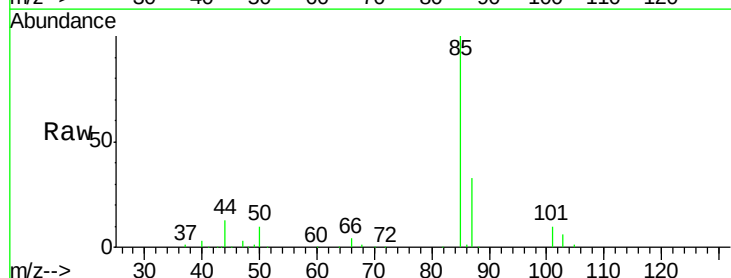
Acq: 12 Mar 2019 05:48

Tgt Ion: 85 Resp: 38929

Ion Ratio Lower Upper

85 100

87 32.6 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

40000

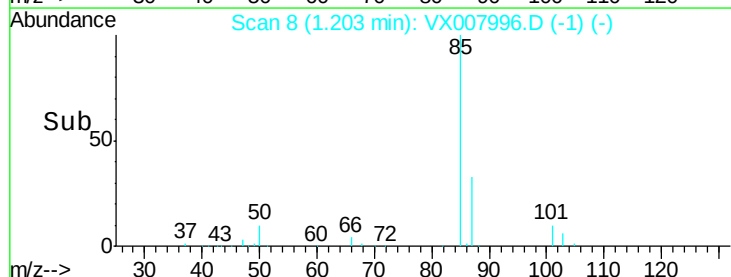
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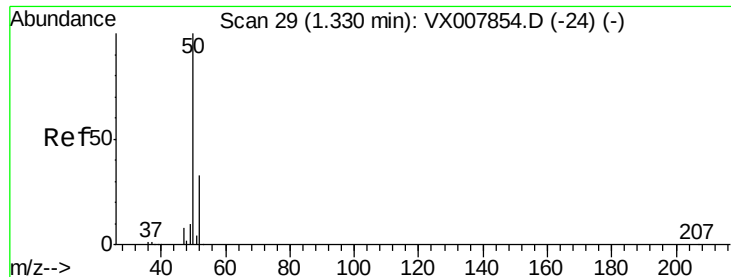
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.046 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

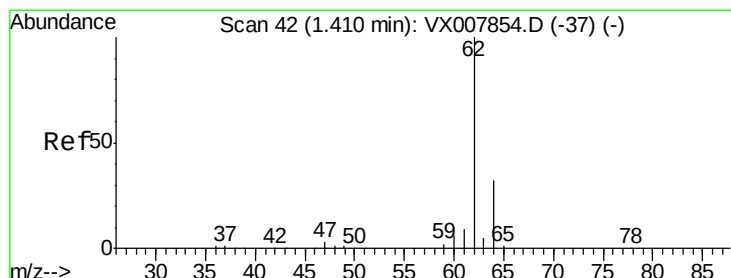
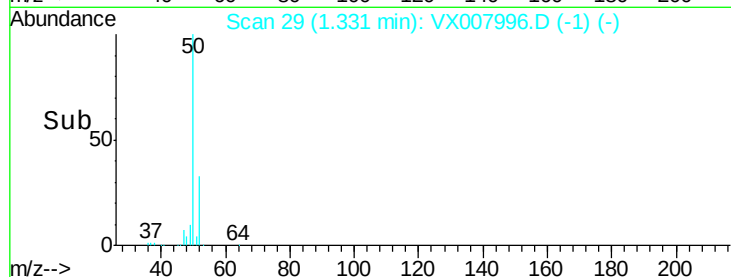
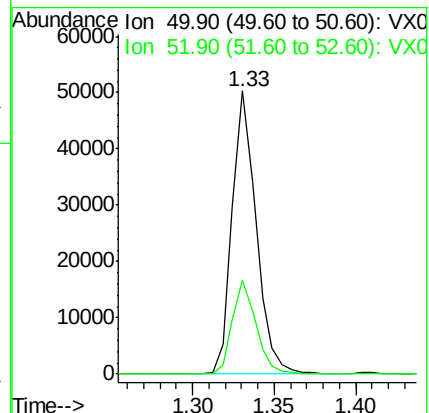
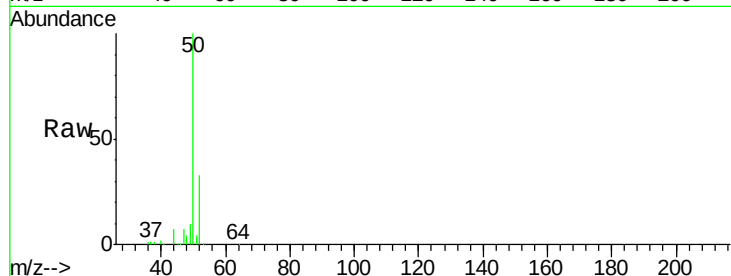
VX0311WBSD03

Tot Ion: 50 Resp: 51710

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.806 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007996.D

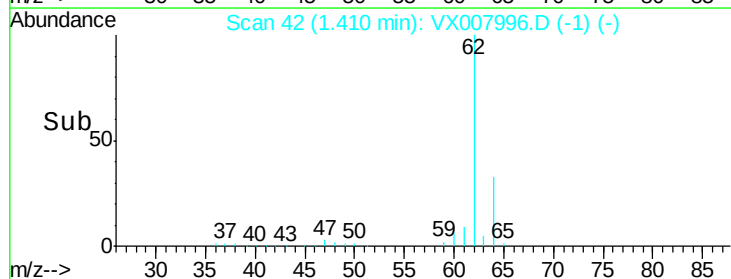
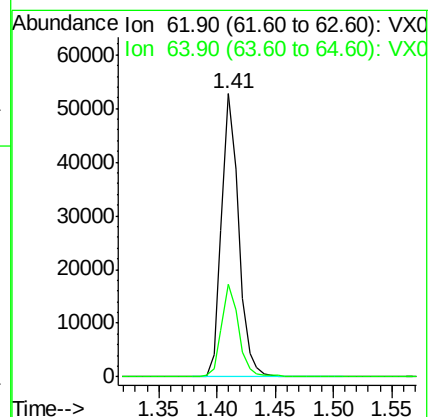
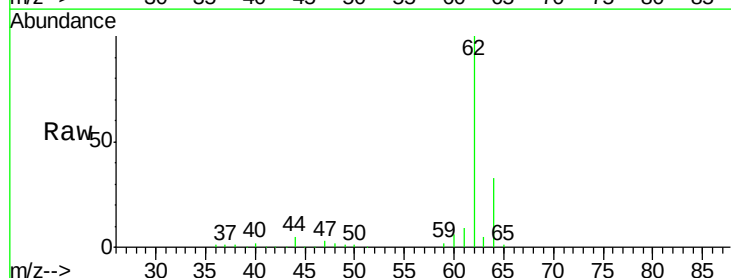
Acq: 12 Mar 2019 05:48

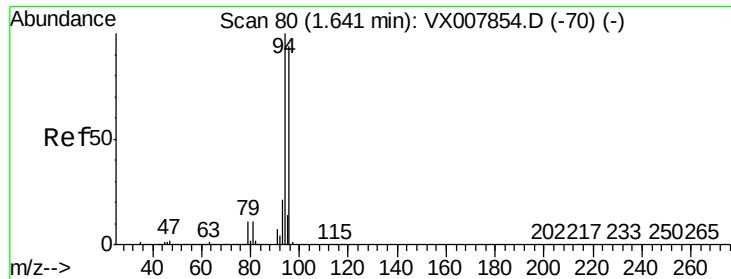
Tgt Ion: 62 Resp: 53430

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 23.546 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

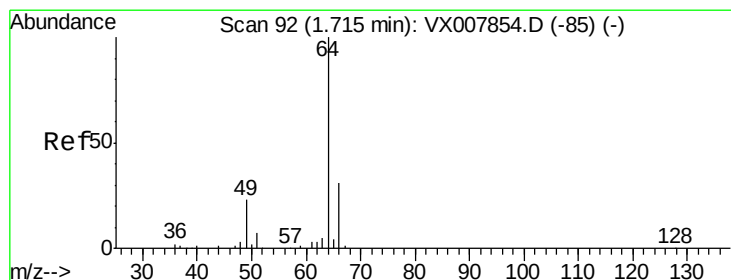
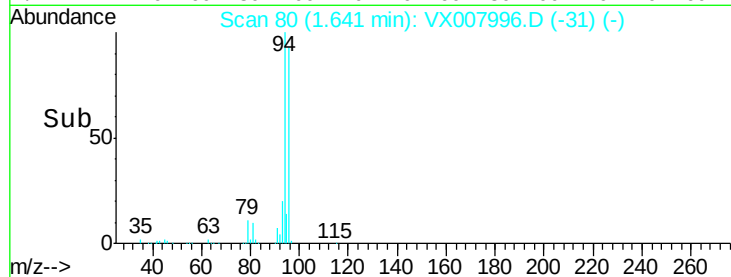
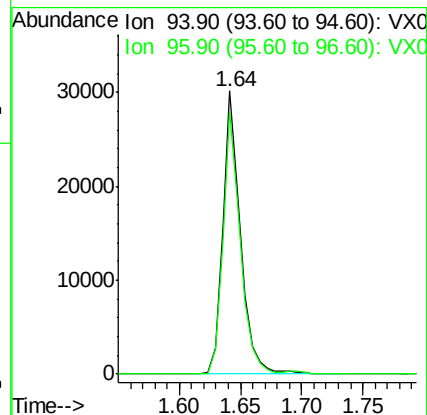
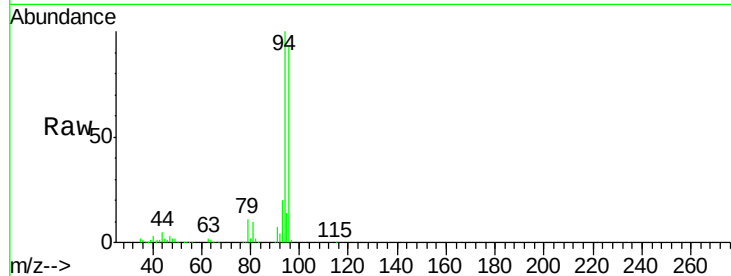
VX0311WBSD03

Tot Ion: 94 Resp: 30563

Ion Ratio Lower Upper

94 100

96 92.9 75.5 113.3



#6

Chloroethane

Concen: 19.307 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007996.D

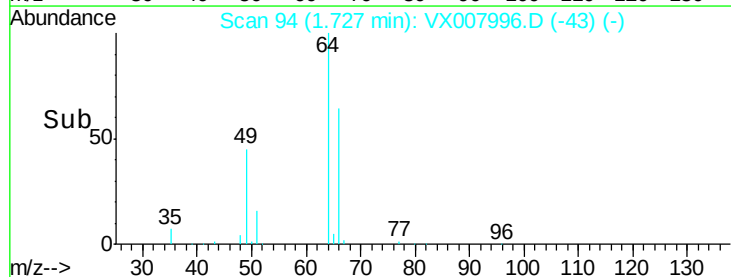
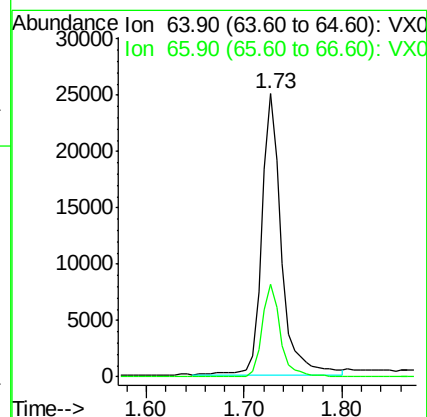
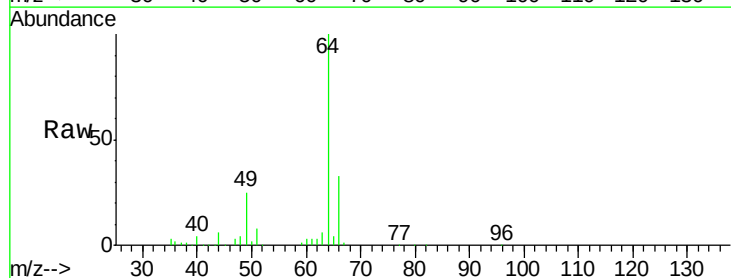
Acq: 12 Mar 2019 05:48

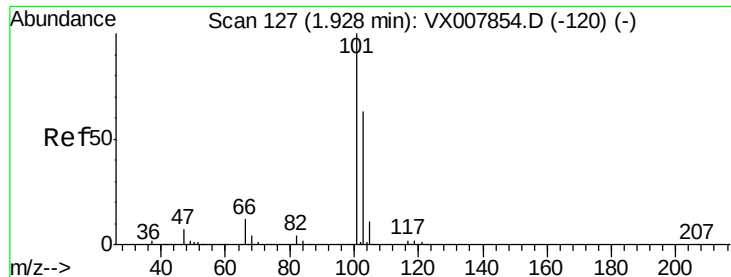
Tgt Ion: 64 Resp: 34601

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



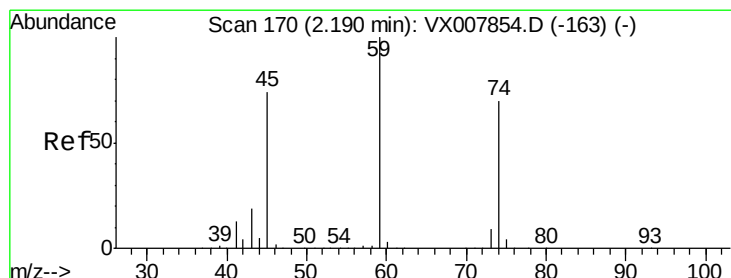
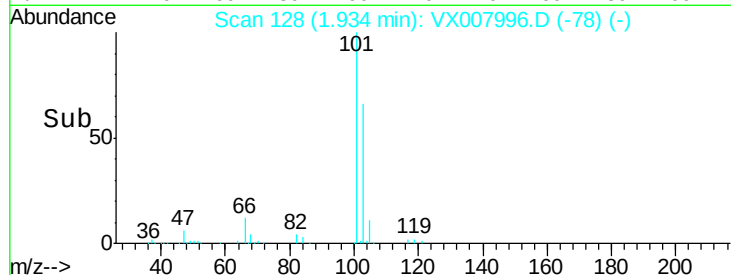
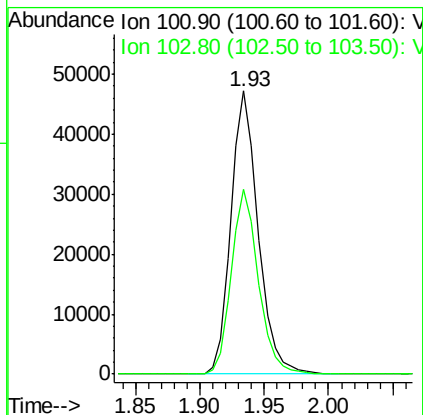
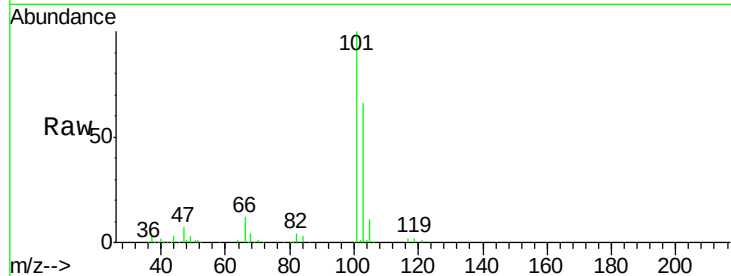


#7

Trichlorofluoromethane
Concen: 19.892 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

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MSVOA_X
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VX0311WBSD03

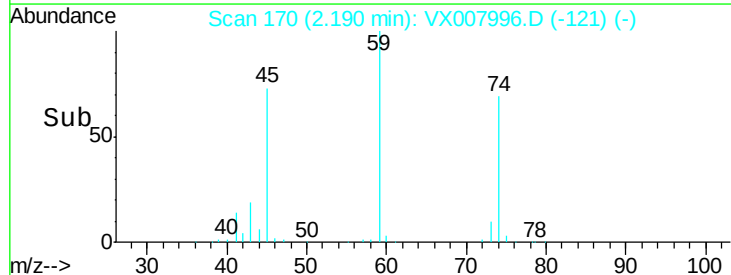
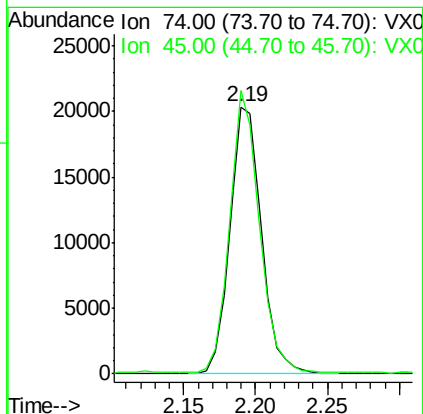
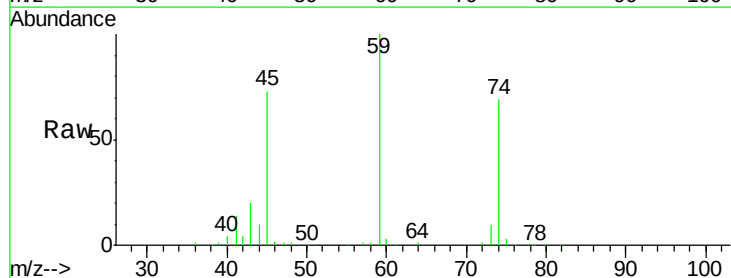
Tot Ion:101 Resp: 69864
Ion Ratio Lower Upper
101 100
103 65.5 50.4 75.6

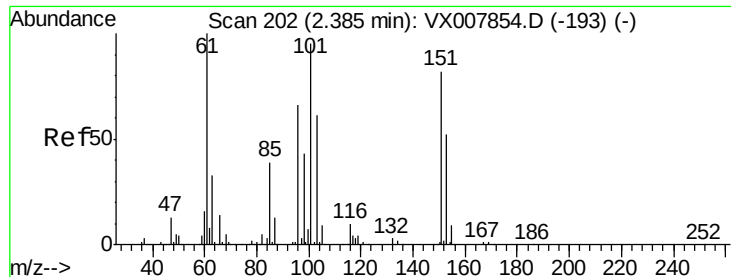


#8

Diethyl Ether
Concen: 20.477 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 74 Resp: 31143
Ion Ratio Lower Upper
74 100
45 99.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.252 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

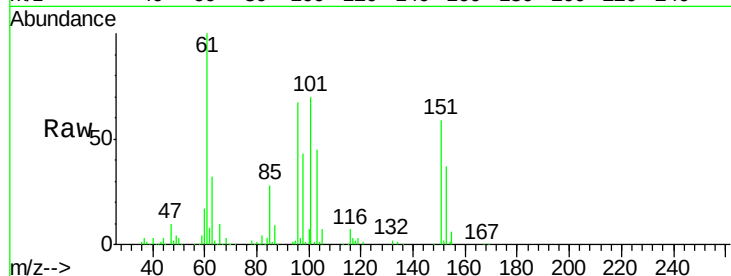
Tot Ion:101 Resp: 41902

Ion Ratio Lower Upper

101 100

85 41.3 33.8 50.6

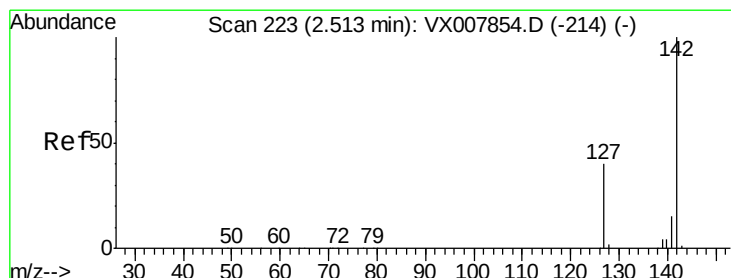
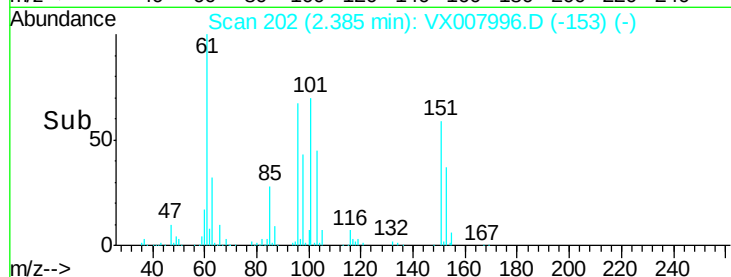
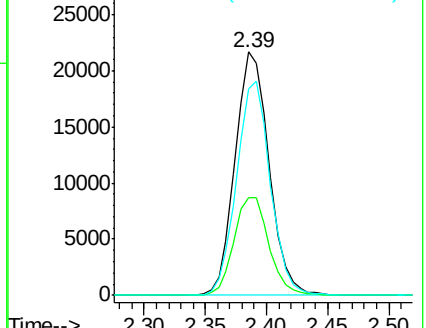
151 87.3 69.1 103.7



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: 20.506 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

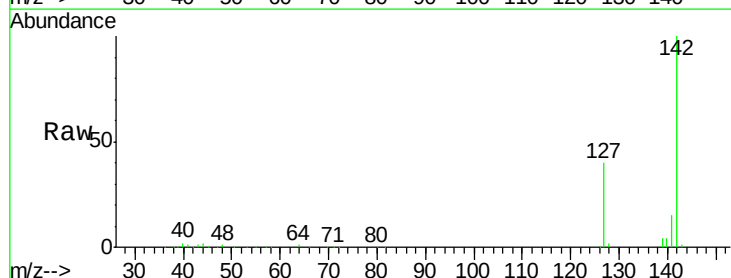
Tgt Ion:142 Resp: 63316

Ion Ratio Lower Upper

142 100

127 38.9 32.1 48.1

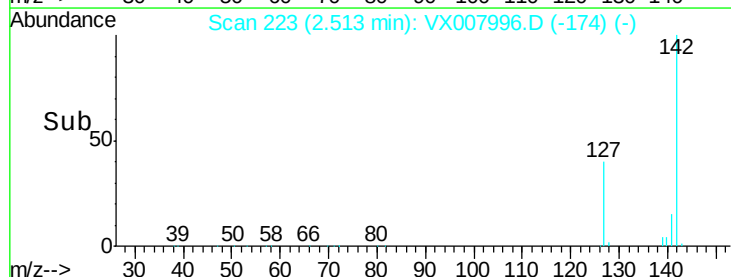
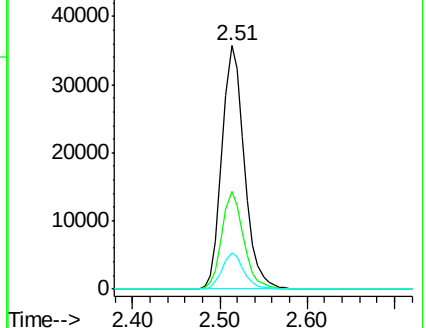
141 14.6 11.4 17.2

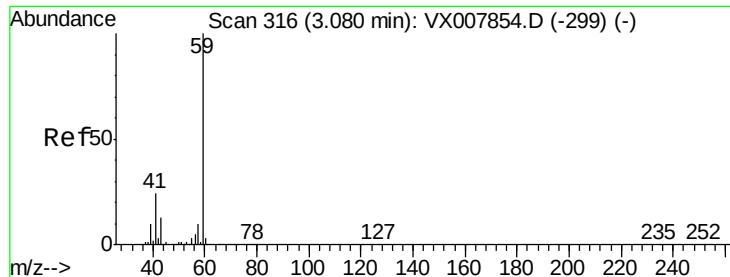


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



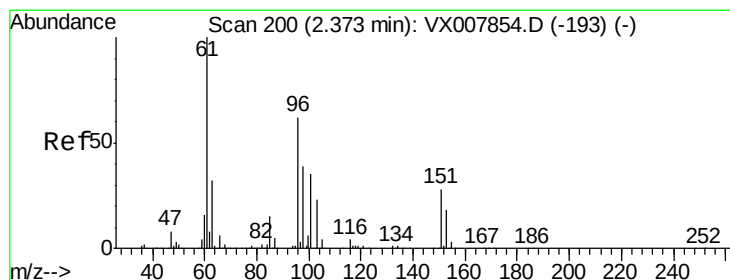
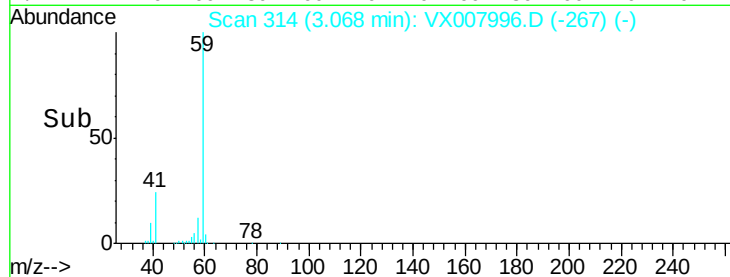
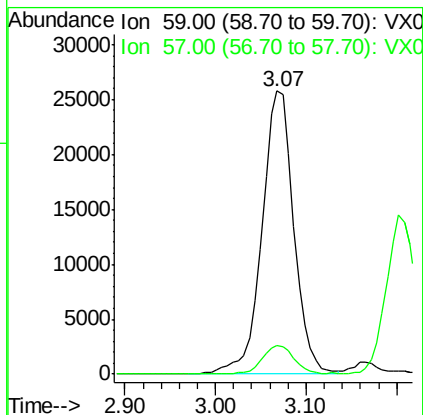
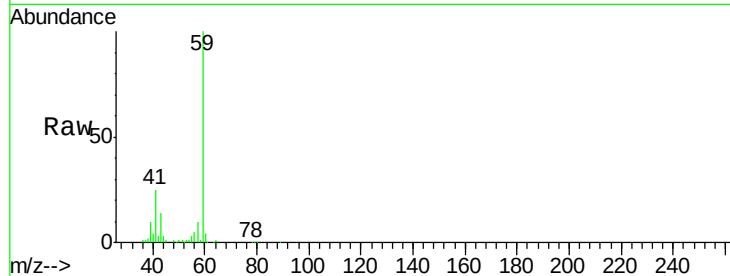


#11

Tert butyl alcohol
 Concen: 107.738 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

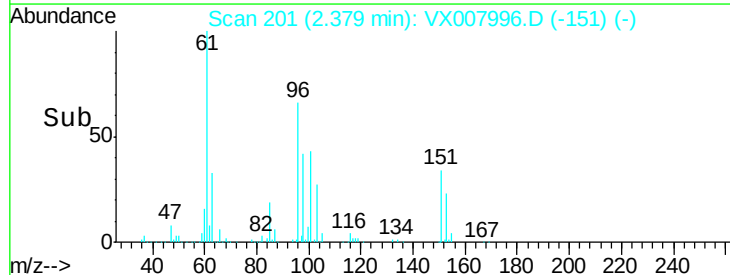
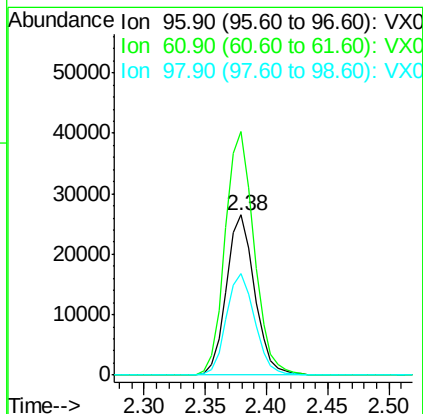
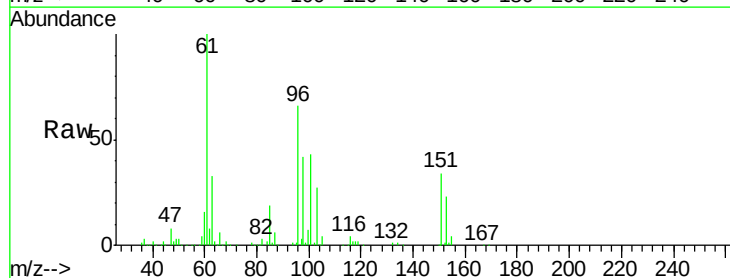
Tot Ion: 59 Resp: 62675
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

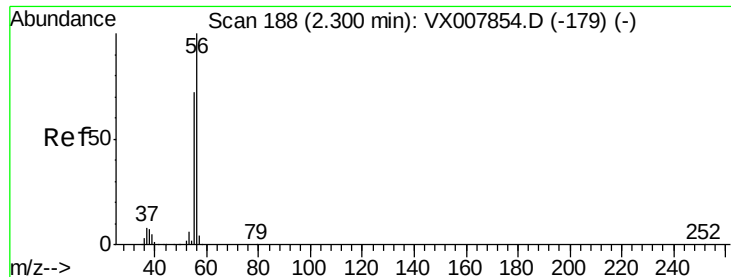


#12

1,1-Dichloroethene
 Concen: 20.130 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 96 Resp: 42232
 Ion Ratio Lower Upper
 96 100
 61 152.1 129.8 194.6
 98 63.6 51.0 76.6





#13

Acrolein

Concen: 88.032 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

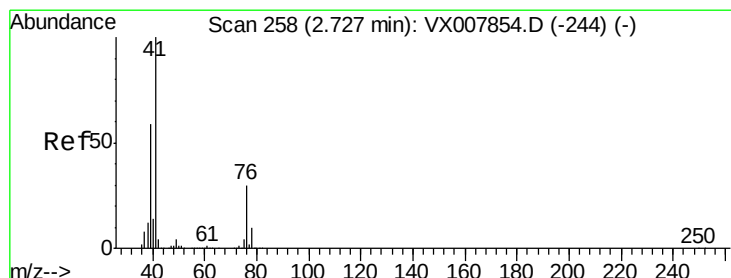
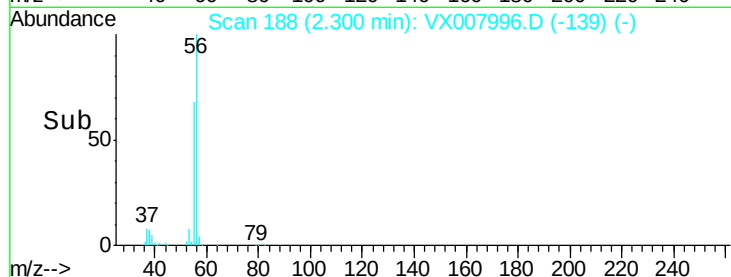
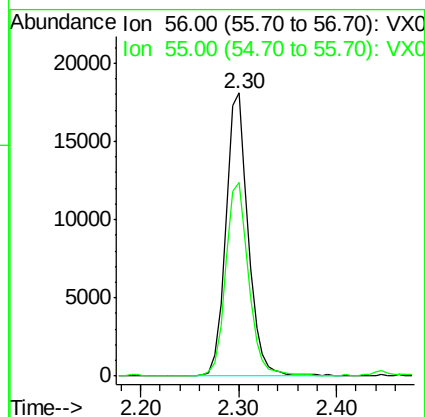
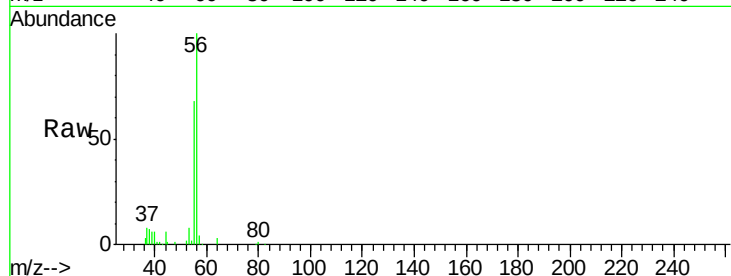
VX0311WBSD03

Tot Ion: 56 Resp: 28650

Ion Ratio Lower Upper

56 100

55 70.5 57.8 86.6



#14

Allyl chloride

Concen: 18.116 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

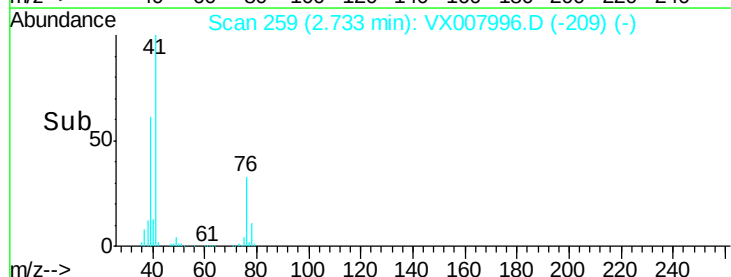
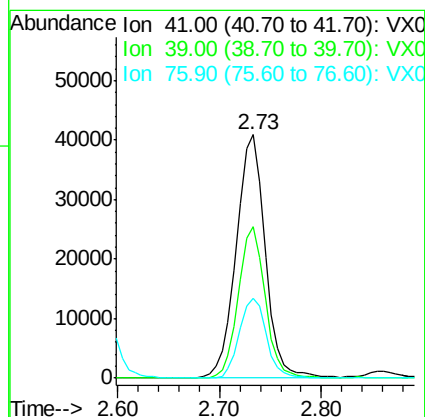
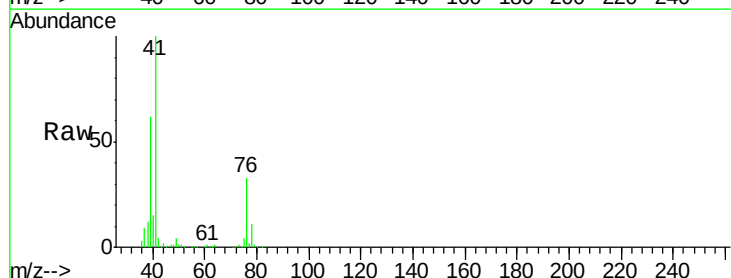
Tgt Ion: 41 Resp: 79865

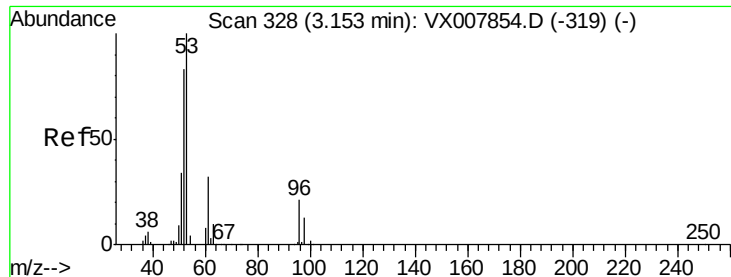
Ion Ratio Lower Upper

41 100

39 58.6 46.1 69.1

76 31.0 24.0 36.0





#15

Acrylonitrile

Concen: 99.449 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

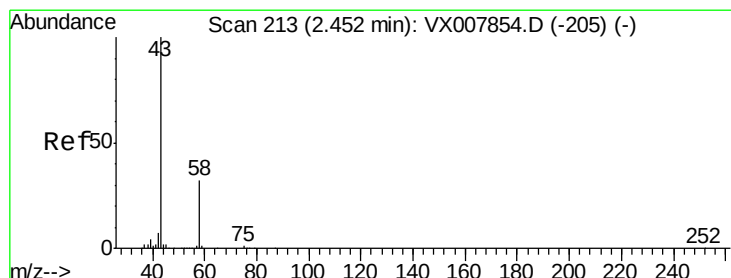
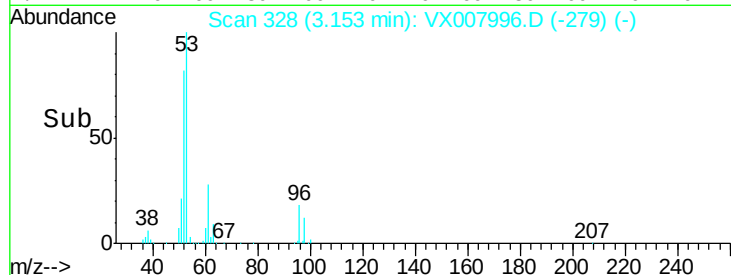
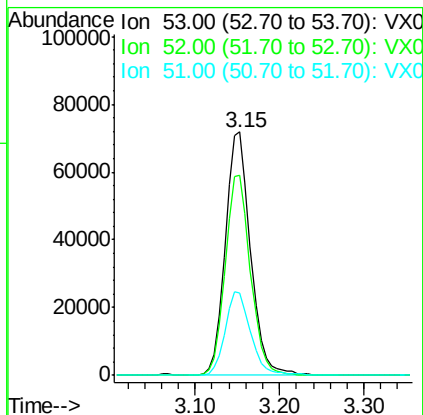
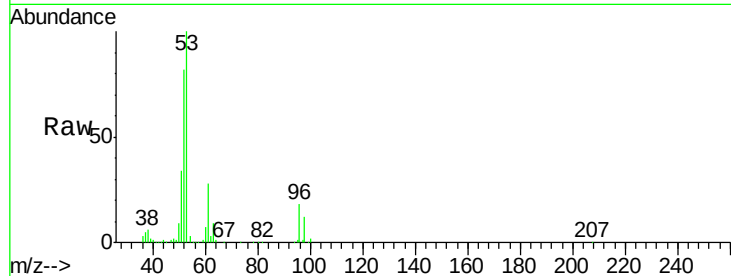
Tot Ion: 53 Resp: 146026

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

51 34.8 28.0 42.0



#16

Acetone

Concen: 80.230 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007996.D

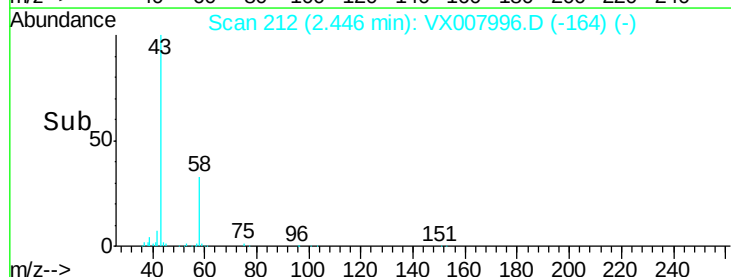
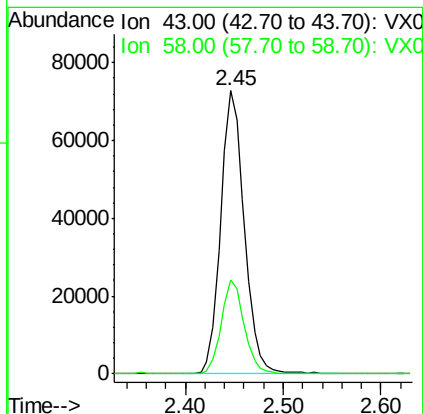
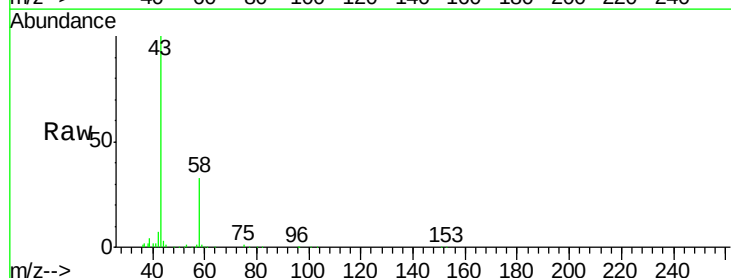
Acq: 12 Mar 2019 05:48

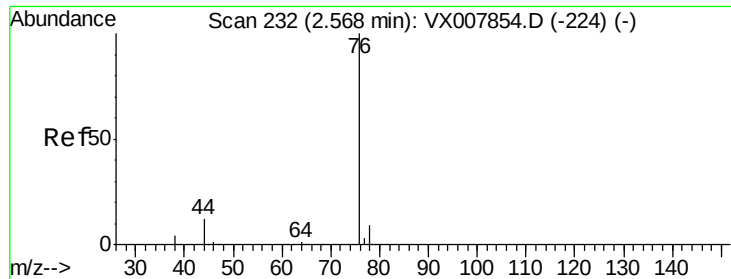
Tgt Ion: 43 Resp: 120797

Ion Ratio Lower Upper

43 100

58 33.2 25.5 38.3





#17

Carbon Disulfide

Concen: 19.220 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

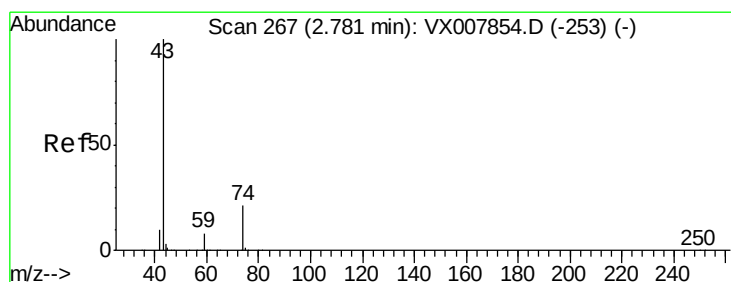
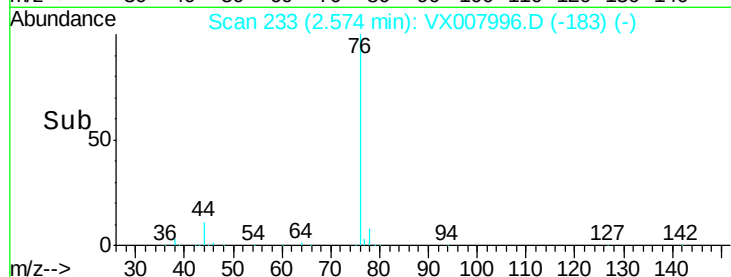
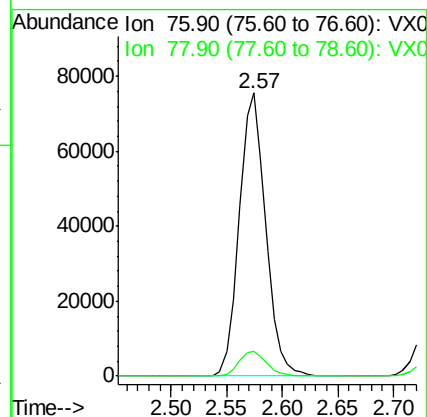
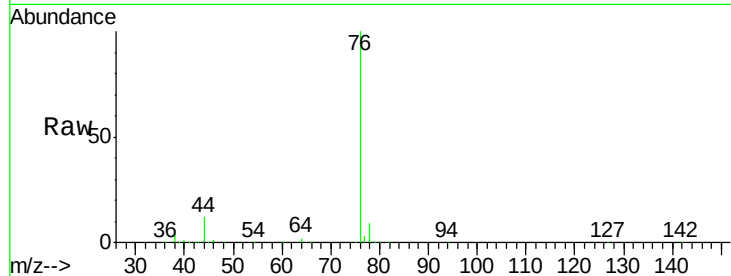
VX0311WBSD03

Tot Ion: 76 Resp: 124216

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 21.060 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007996.D

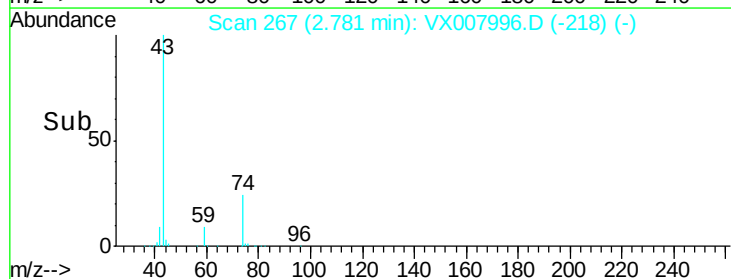
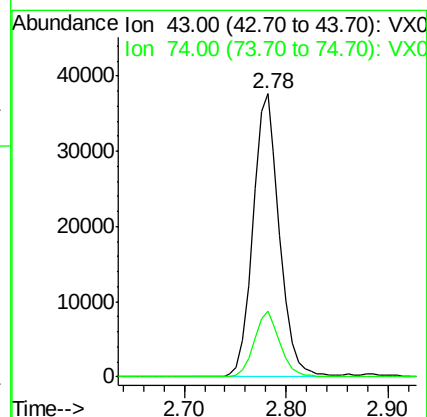
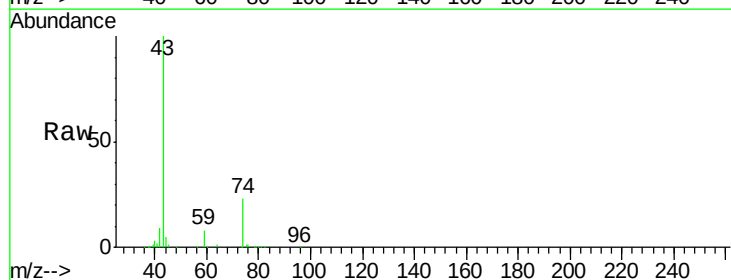
Acq: 12 Mar 2019 05:48

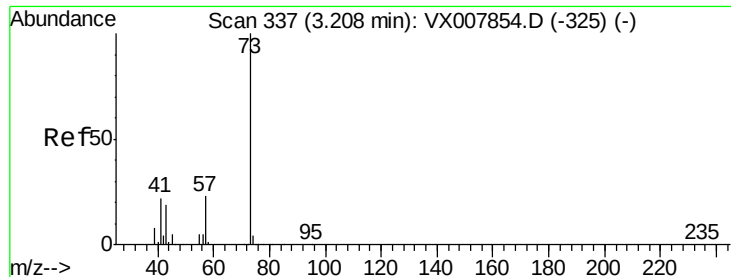
Tgt Ion: 43 Resp: 67363

Ion Ratio Lower Upper

43 100

74 23.0 17.8 26.6

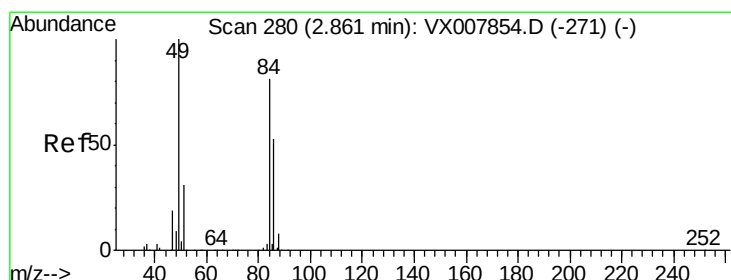
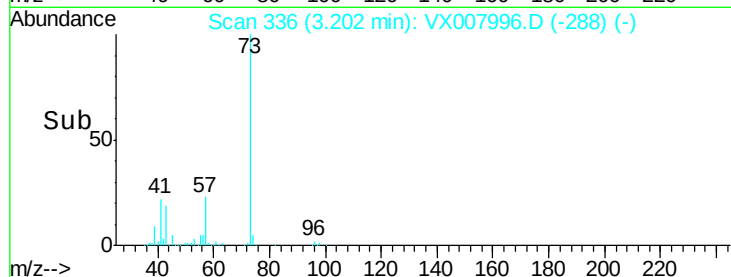
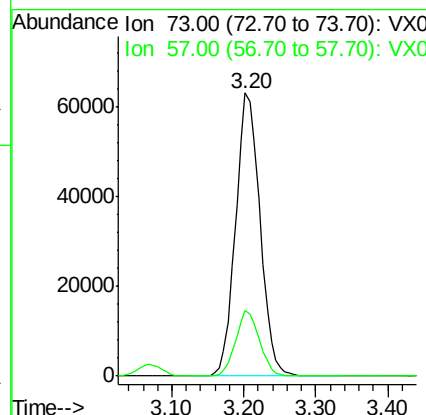
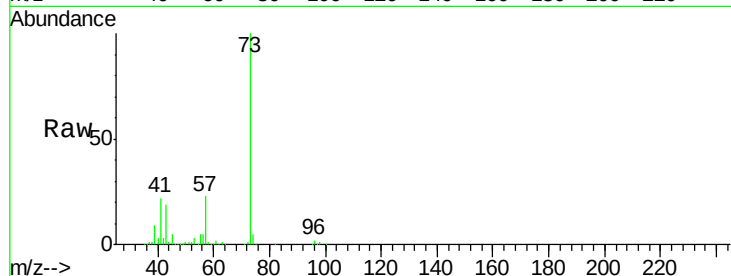




#19
Methyl tert-butyl Ether
Concen: 20.597 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

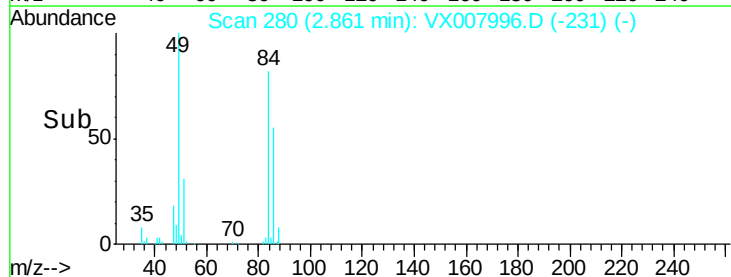
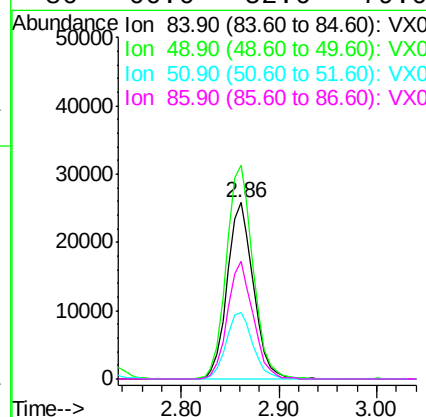
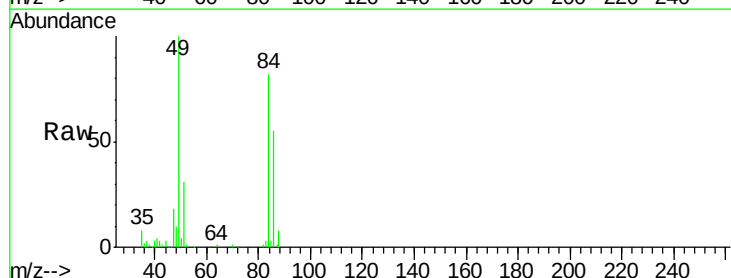
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

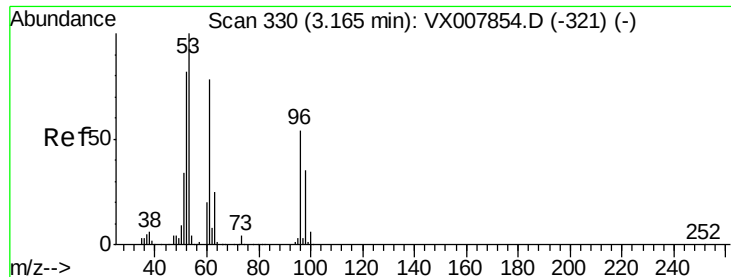
Tot Ion: 73 Resp: 148664
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4



#20
Methylene Chloride
Concen: 19.998 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 84 Resp: 47921
Ion Ratio Lower Upper
84 100
49 121.3 99.3 148.9
51 37.6 31.3 46.9
86 66.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.198 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

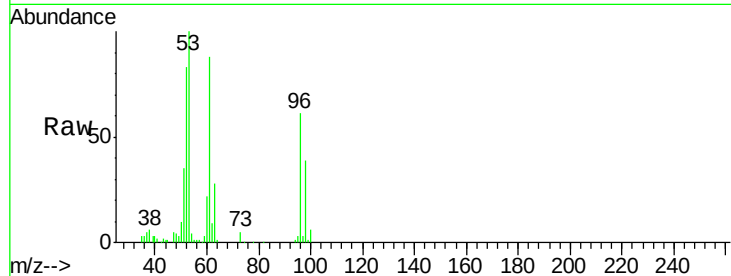
Tot Ion: 96 Resp: 44318

Ion Ratio Lower Upper

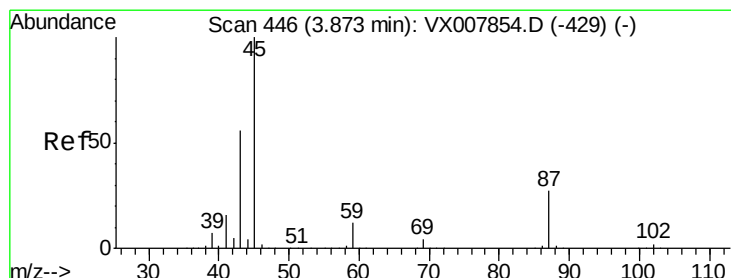
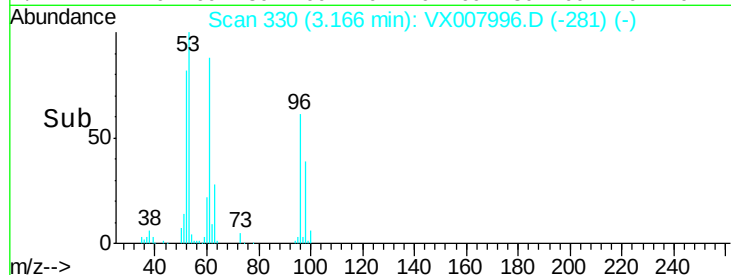
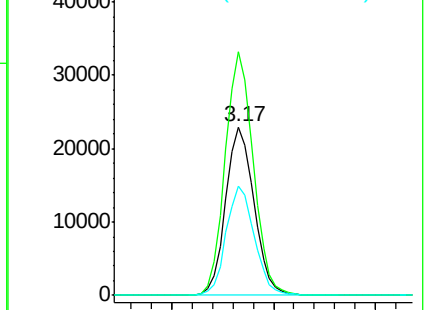
96 100

61 144.5 114.4 171.6

98 65.0 51.1 76.7



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



#22

Diisopropyl ether

Concen: 19.748 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Tgt Ion: 45 Resp: 159588

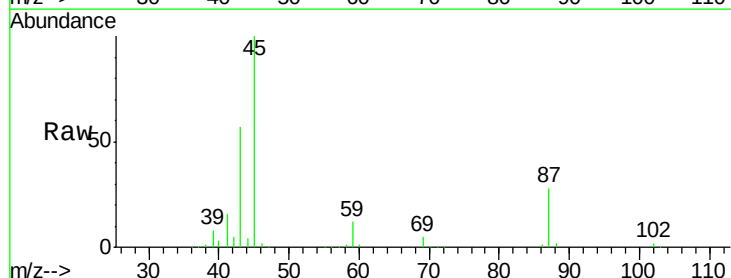
Ion Ratio Lower Upper

45 100

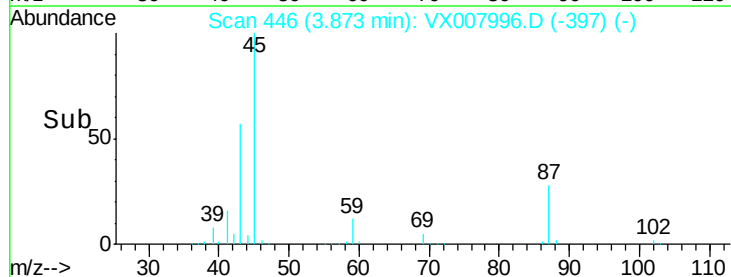
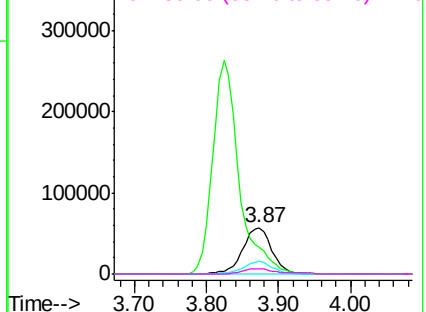
43 56.9 45.3 67.9

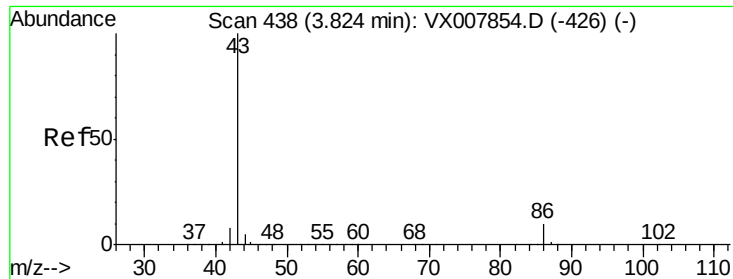
87 27.8 21.4 32.0

59 11.9 9.5 14.3



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





#23

Vinyl Acetate

Concen: 94.675 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

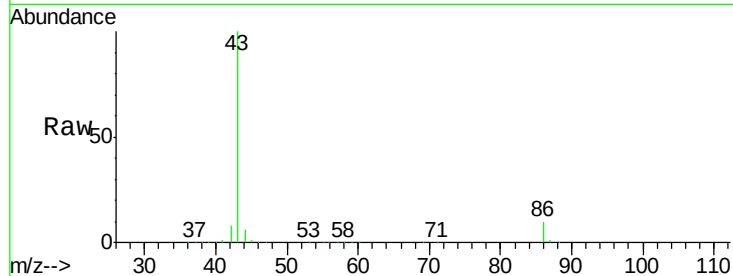
VX0311WBSD03

Tot Ion: 43 Resp: 670940

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

250000

200000

150000

100000

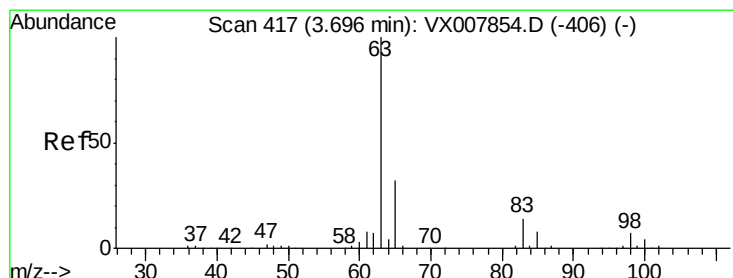
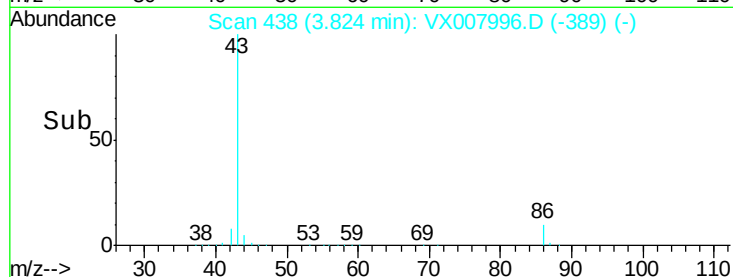
50000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.710 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

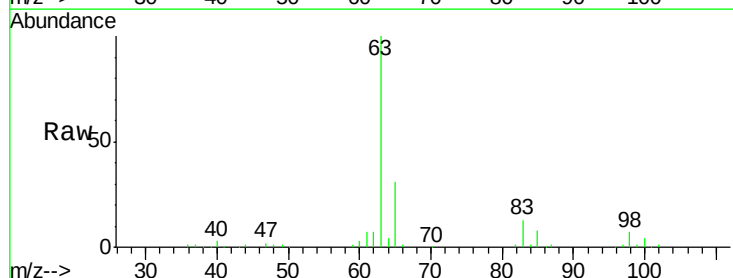
Tgt Ion: 63 Resp: 85717

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 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

40000

30000

20000

10000

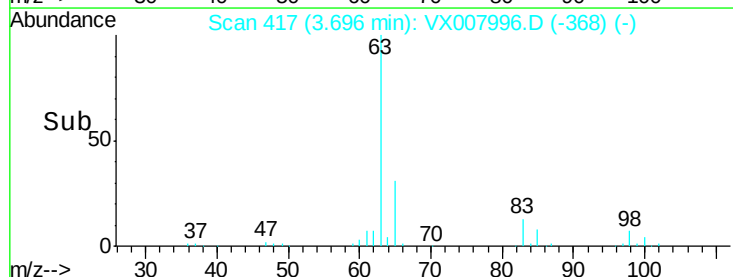
0

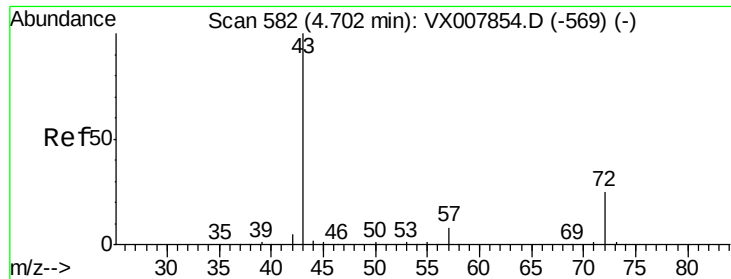
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 93.286 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

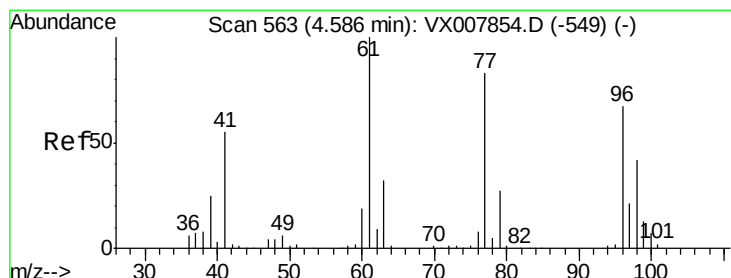
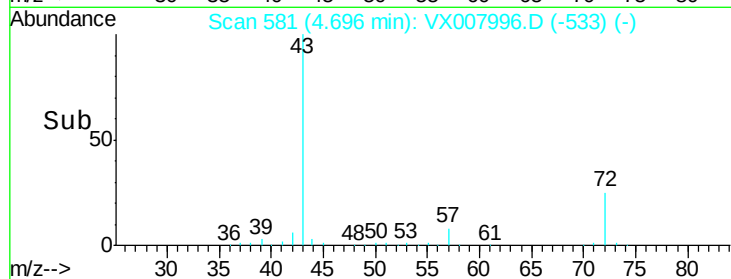
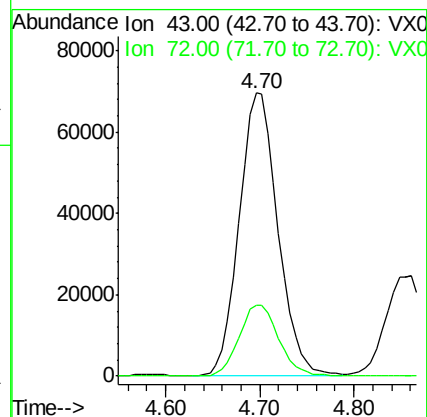
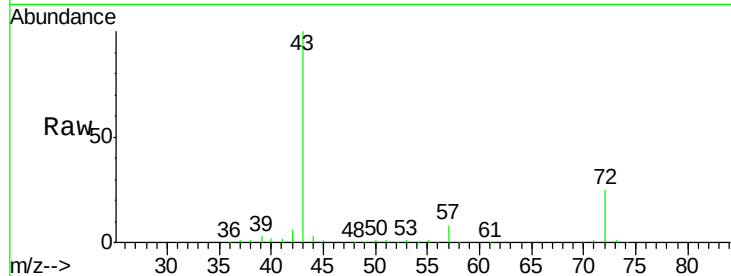
VX0311WBSD03

Tot Ion: 43 Resp: 198848

Ion Ratio Lower Upper

43 100

72 24.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 13.316 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007996.D

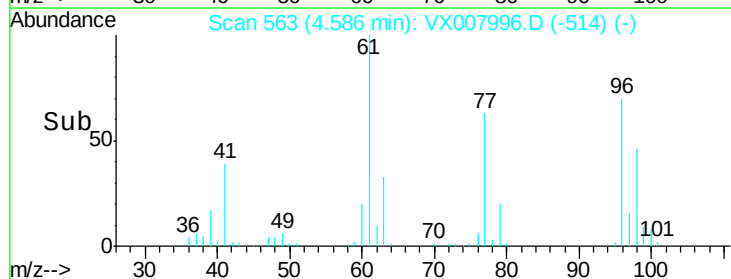
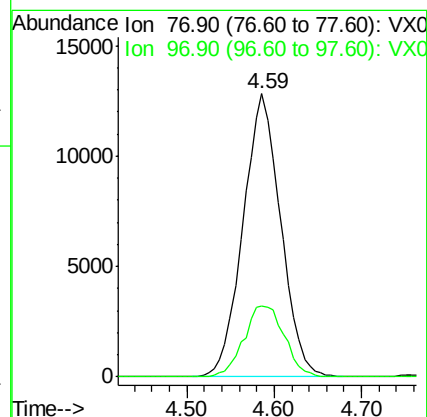
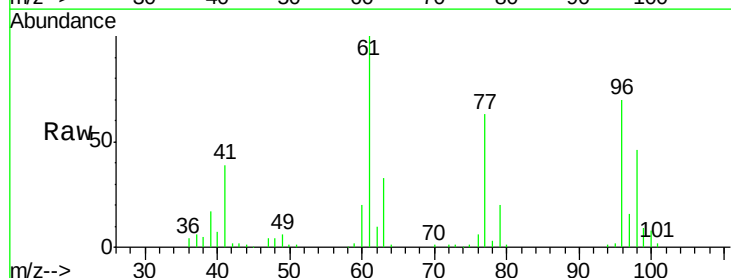
Acq: 12 Mar 2019 05:48

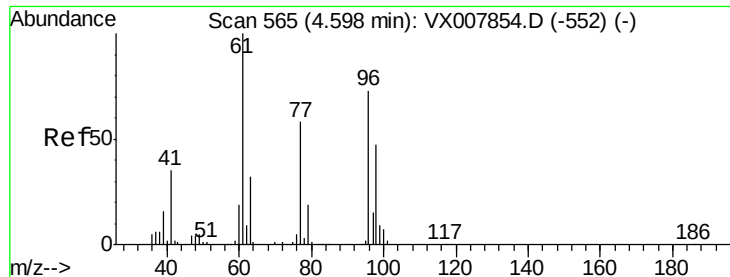
Tgt Ion: 77 Resp: 38368

Ion Ratio Lower Upper

77 100

97 27.0 12.2 36.6



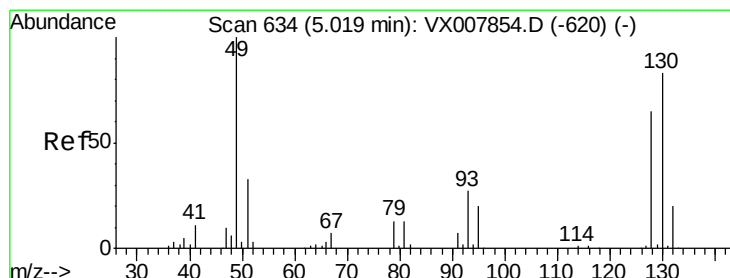
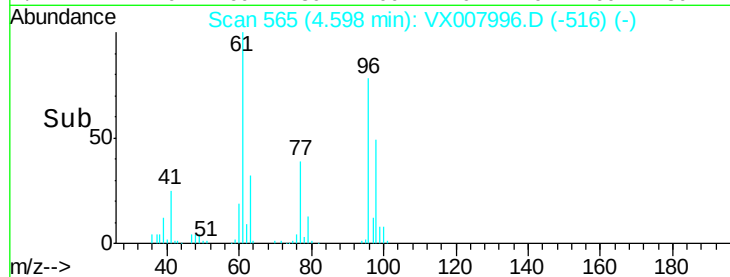
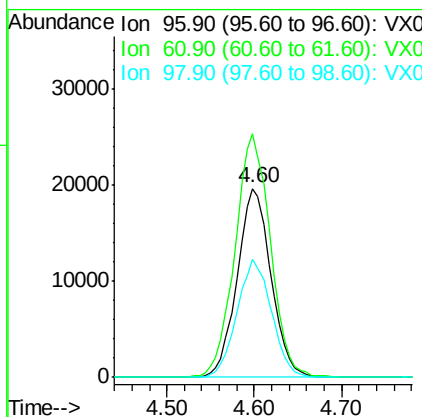
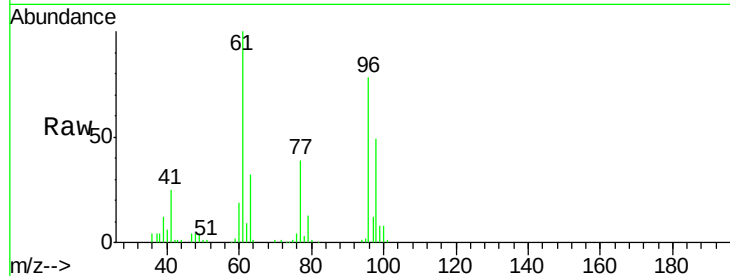


#27

cis-1,2-Dichloroethene
 Concen: 19.980 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

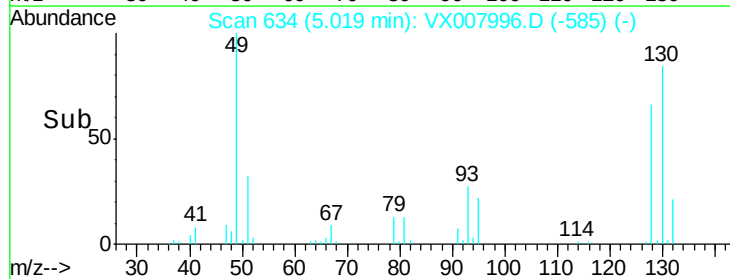
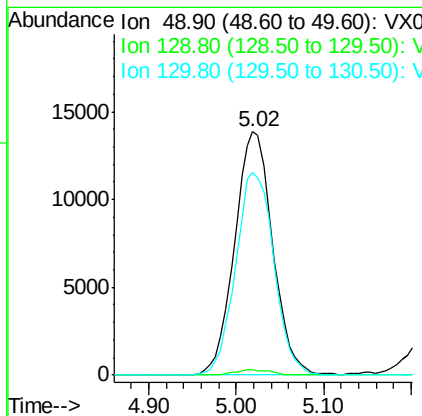
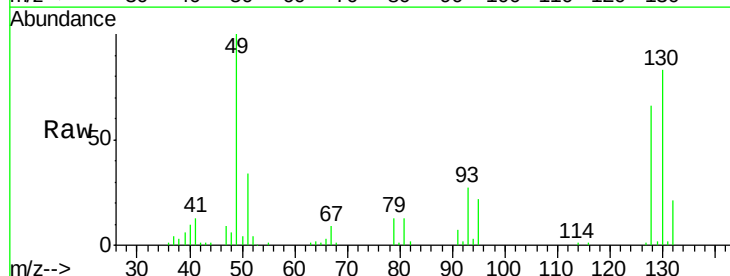
Tot Ion: 96 Resp: 52780
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 288.0
 98 63.7 0.0 129.0

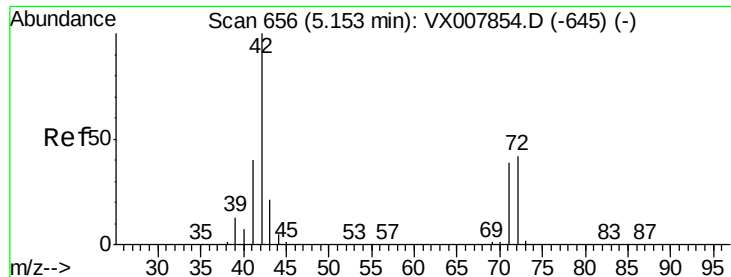


#28

Bromochloromethane
 Concen: 20.651 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 49 Resp: 41871
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 83.7 65.0 97.4





#29

Tetrahydrofuran

Concen: 100.050 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

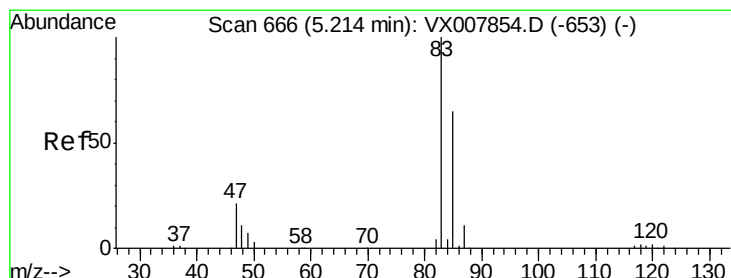
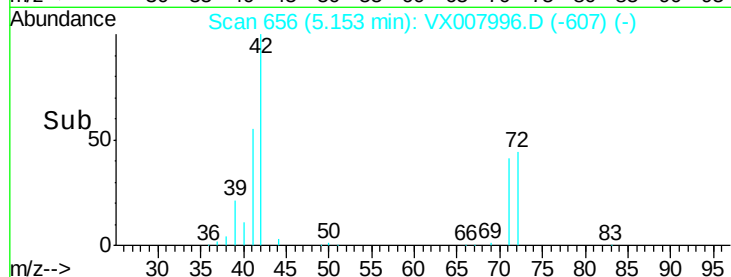
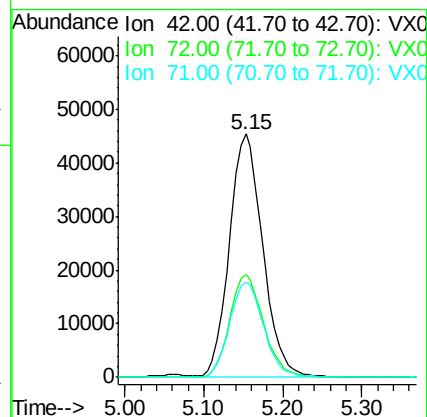
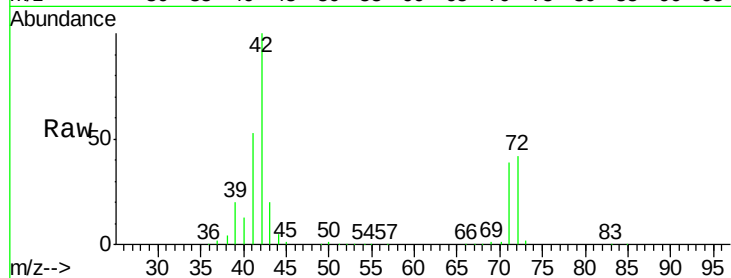
Tot Ion: 42 Resp: 133029

Ion Ratio Lower Upper

42 100

72 43.2 33.8 50.6

71 40.3 31.5 47.3



#30

Chloroform

Concen: 20.333 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007996.D

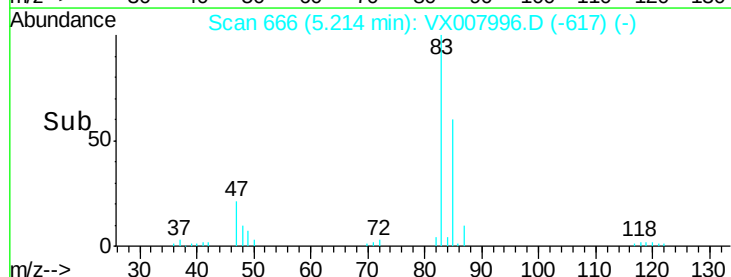
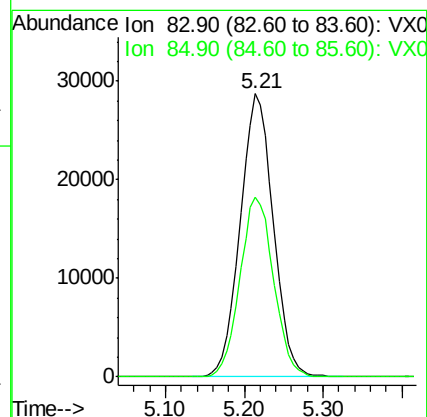
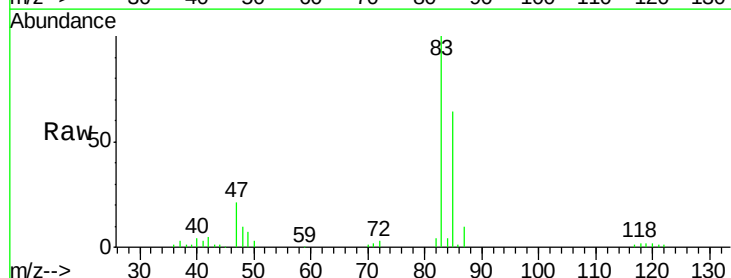
Acq: 12 Mar 2019 05:48

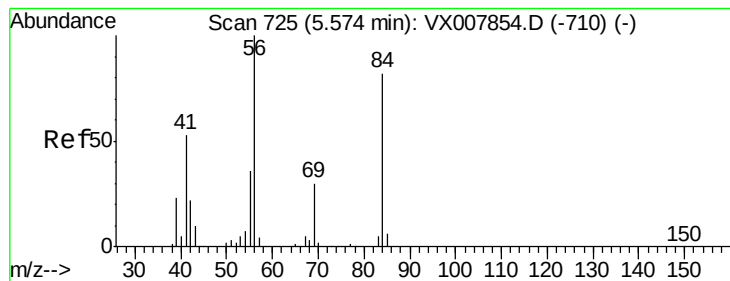
Tgt Ion: 83 Resp: 83649

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6





#31

Cyclohexane

Concen: 18.937 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

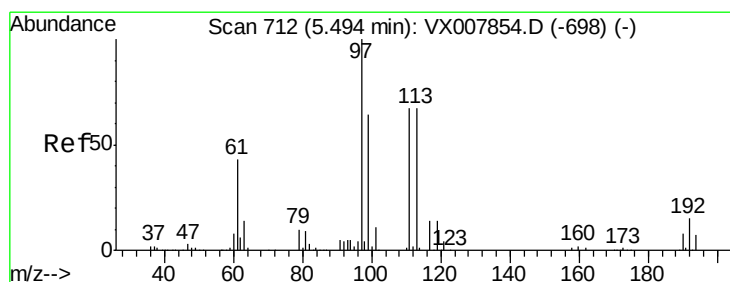
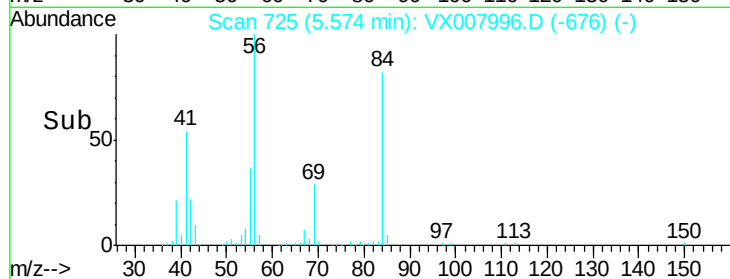
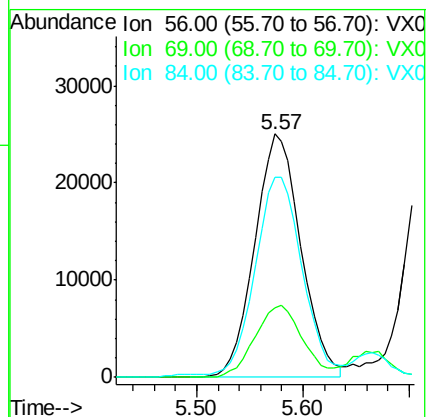
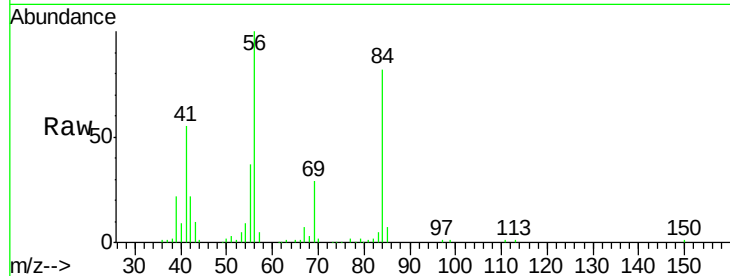
Tot Ion: 56 Resp: 75691

Ion Ratio Lower Upper

56 100

69 28.7 24.0 36.0

84 81.2 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 20.149 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

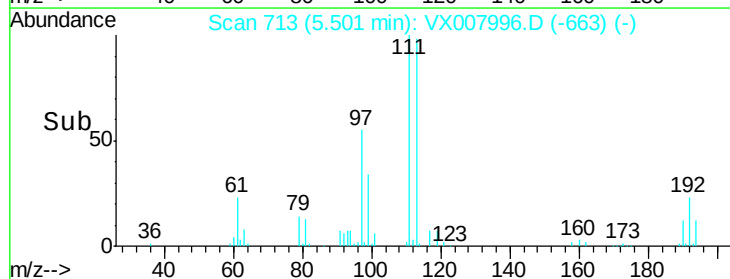
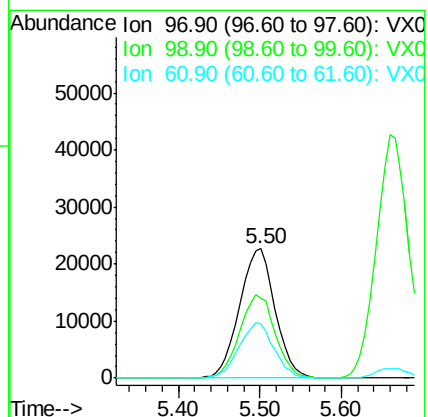
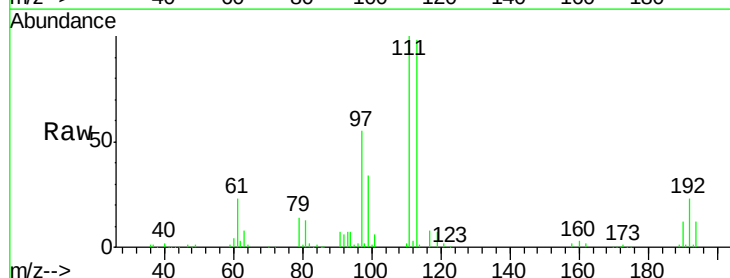
Tgt Ion: 97 Resp: 68775

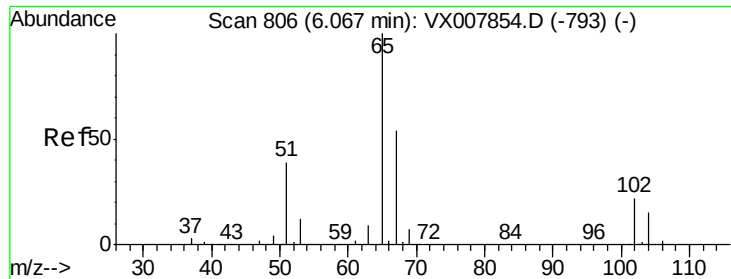
Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.2

61 42.2 34.9 52.3

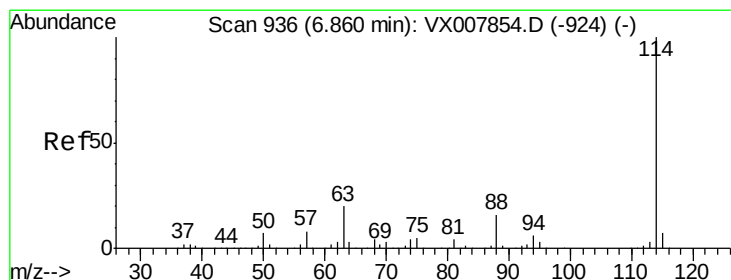
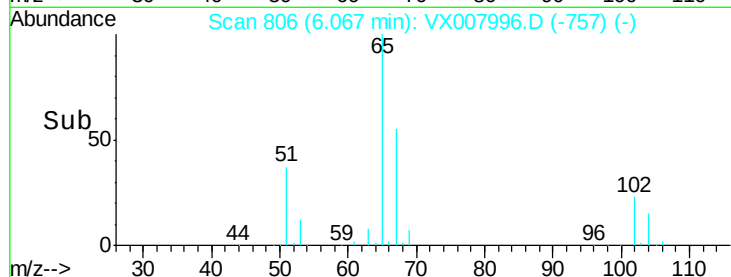
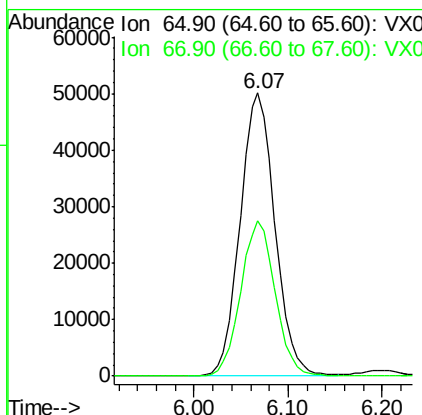
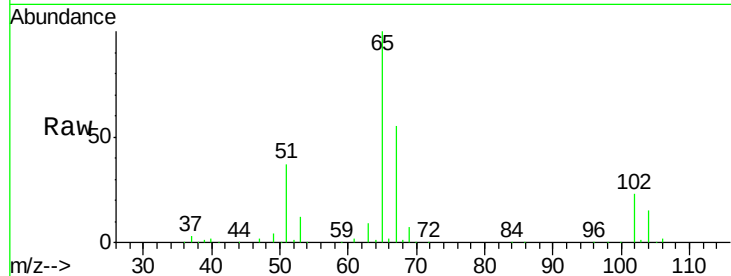




#33
 1,2-Dichloroethane-d4
 Concen: 49.905 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

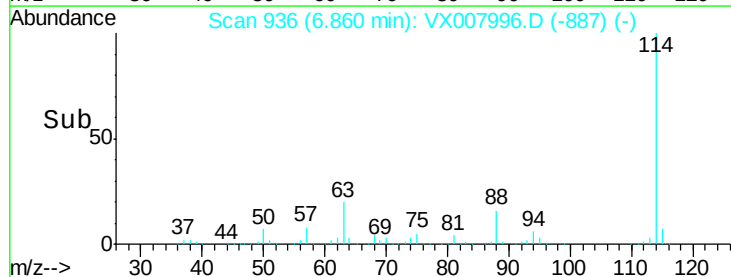
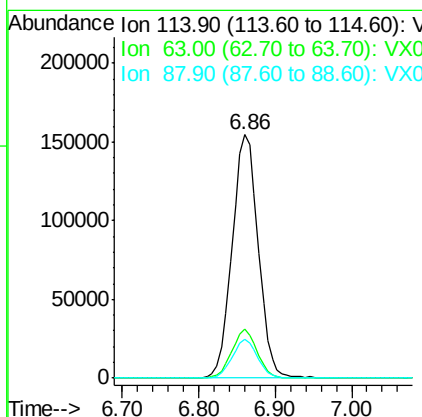
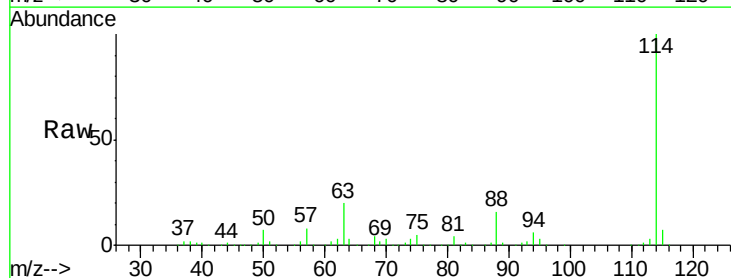
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

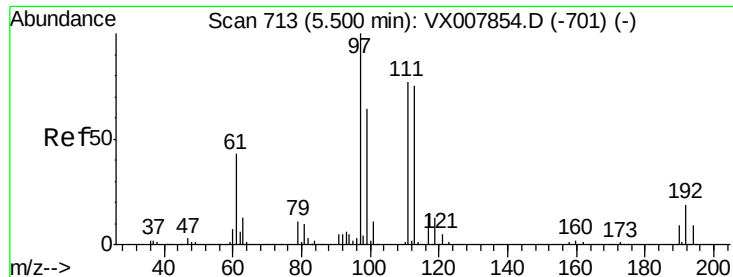
Tot Ion: 65 Resp: 129818
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 114 Resp: 364726
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.8 0.0 31.4

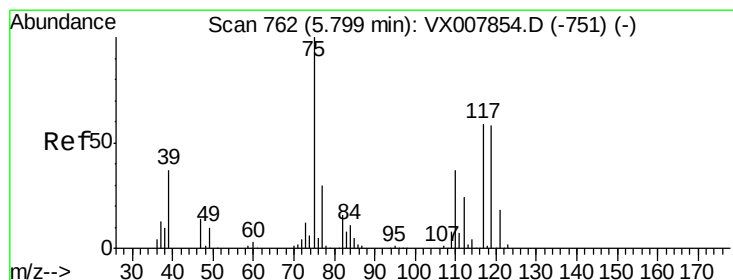
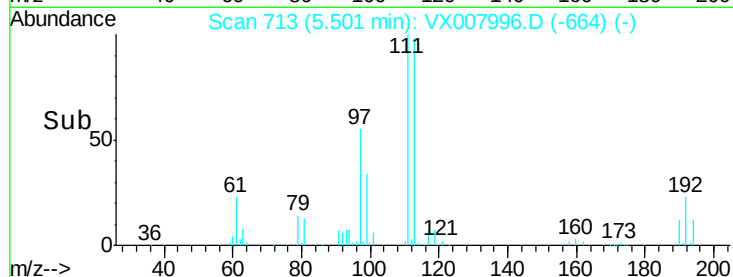
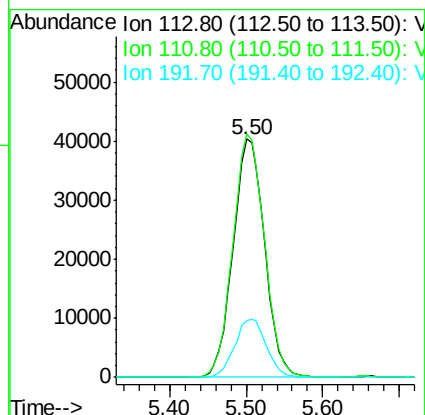
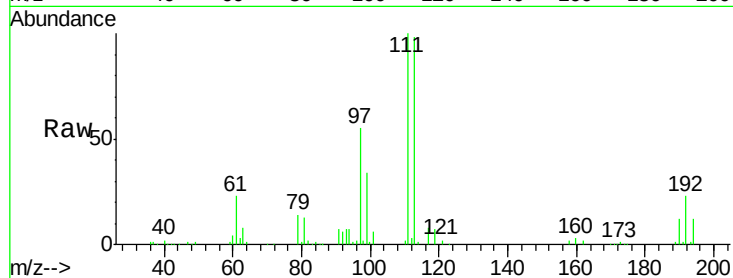




#35
 Dibromofluoromethane
 Concen: 49.408 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

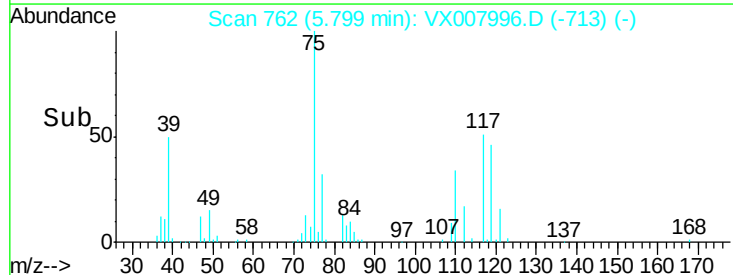
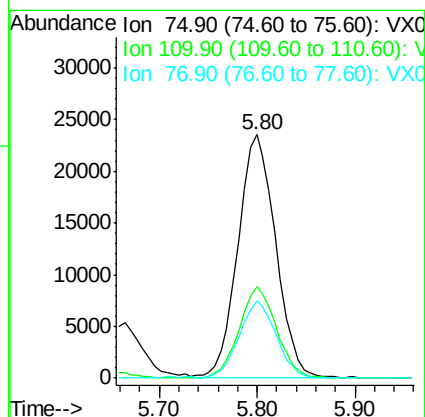
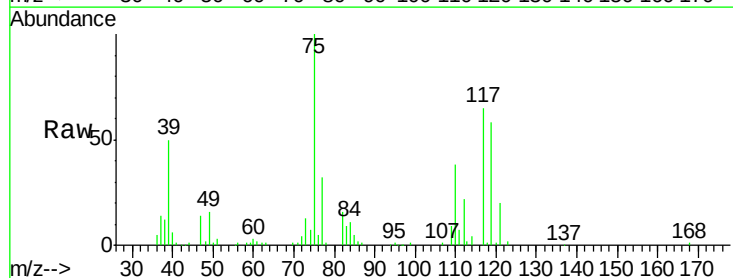
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

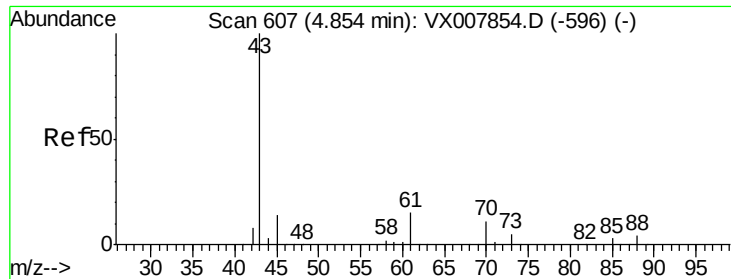
Tot Ion:113 Resp: 115271
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 24.4 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 18.958 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 75 Resp: 62609
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.4 55.0
 77 31.3 25.0 37.4

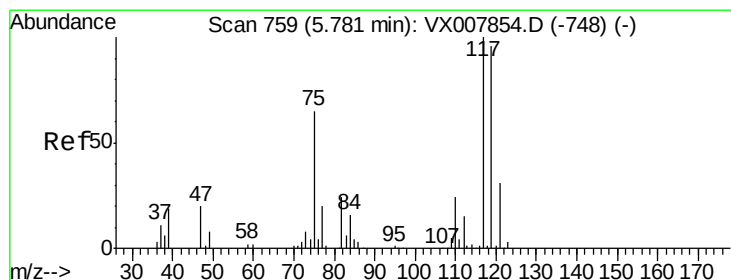
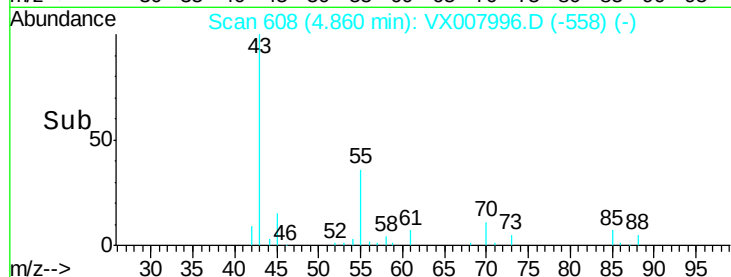
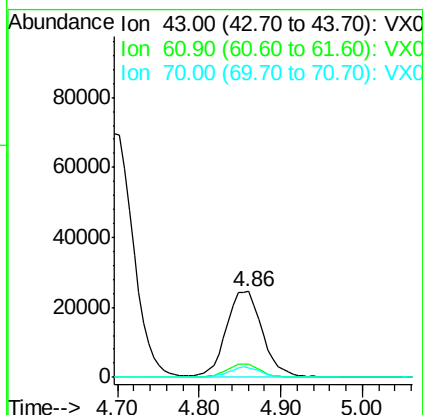
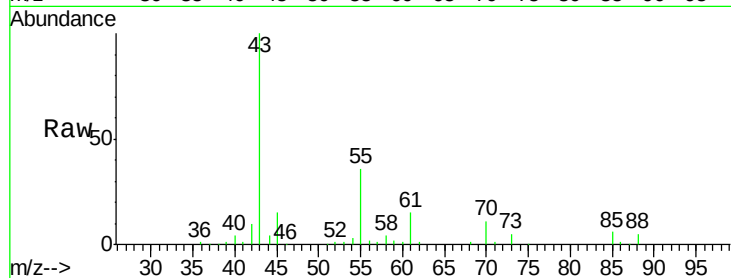




#37
Ethyl Acetate
Concen: 19.002 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

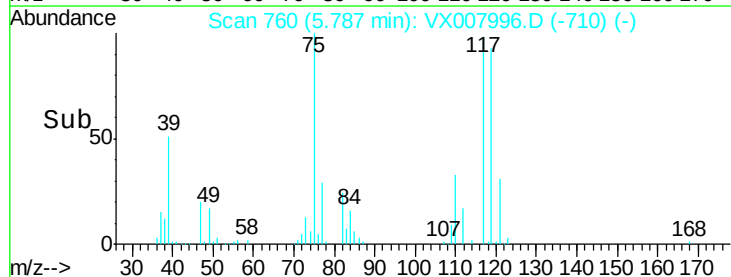
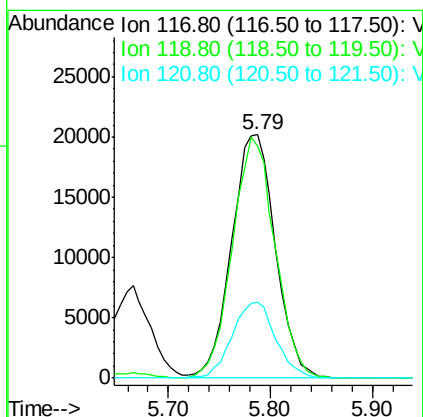
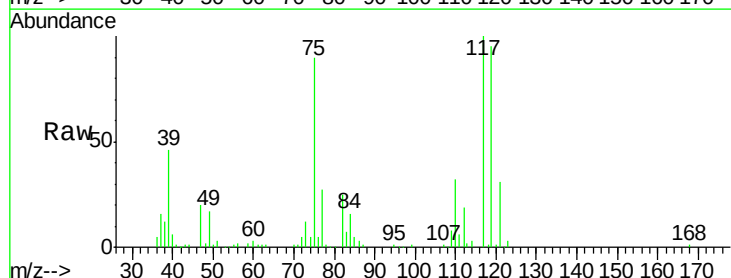
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

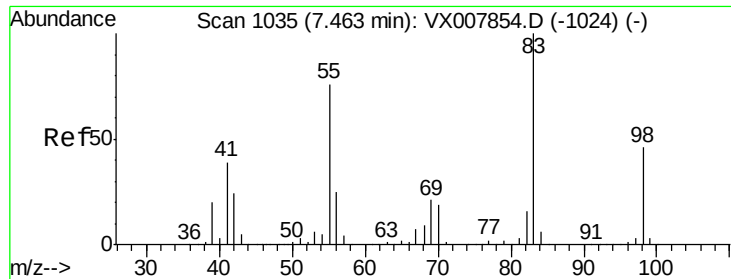
Tot Ion: 43 Resp: 74469
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.166 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 117 Resp: 60092
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
121 31.4 24.6 36.8

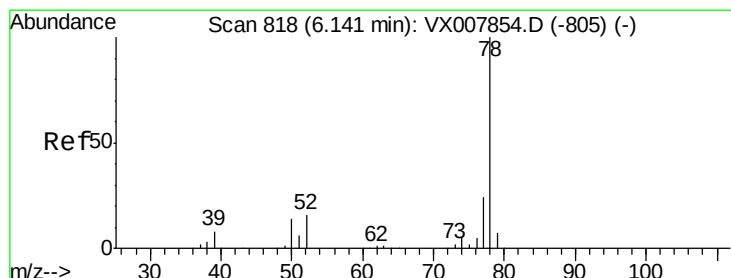
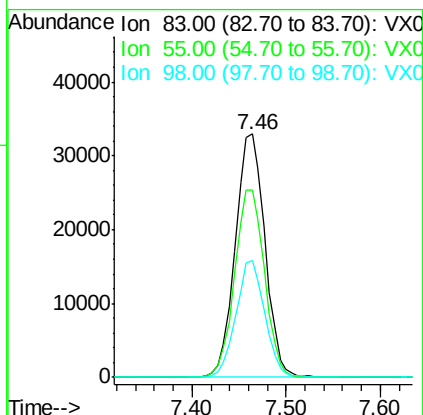
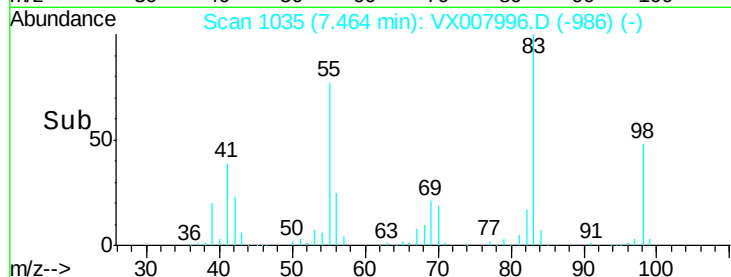
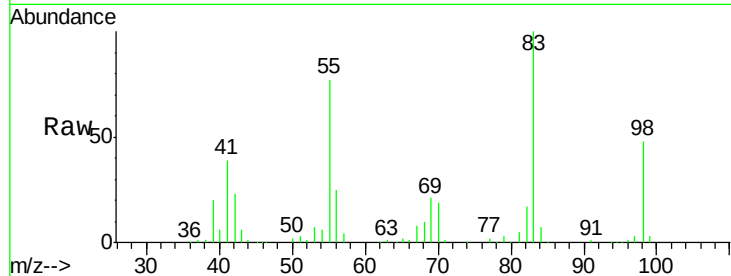




#39
Methylvlcyclohexane
Concen: 18.008 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

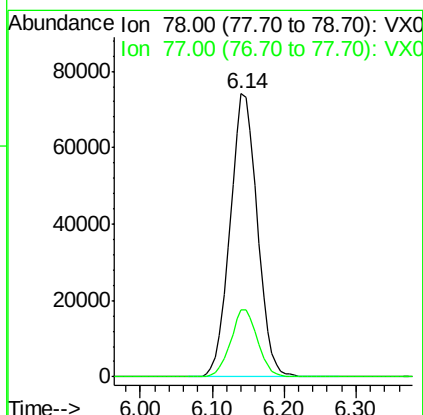
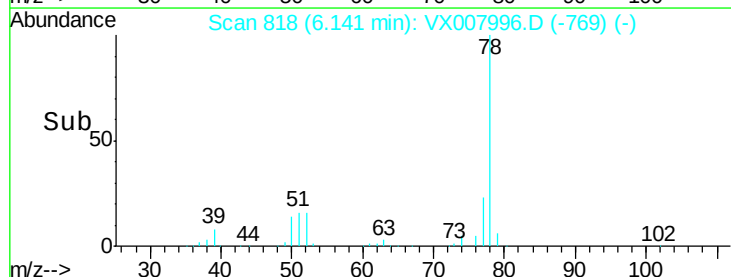
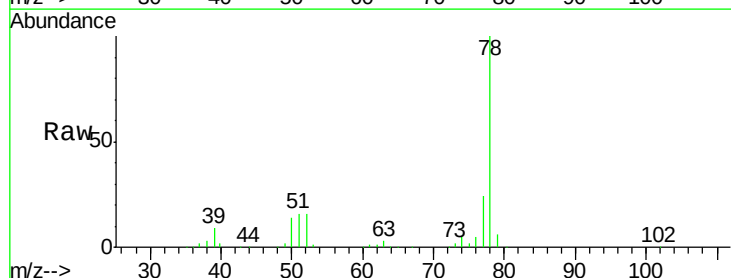
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

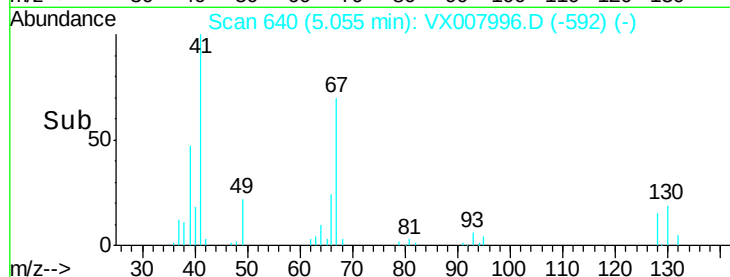
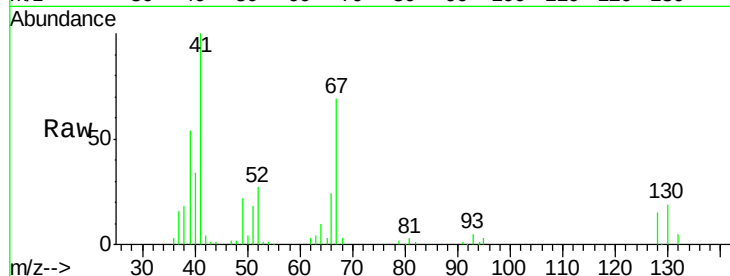
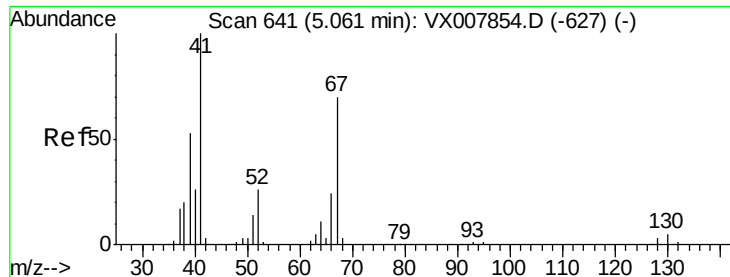
Tot Ion: 83 Resp: 72063
Ion Ratio Lower Upper
83 100
55 77.1 60.4 90.6
98 48.2 36.5 54.7



#40
Benzene
Concen: 19.832 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 78 Resp: 194987
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

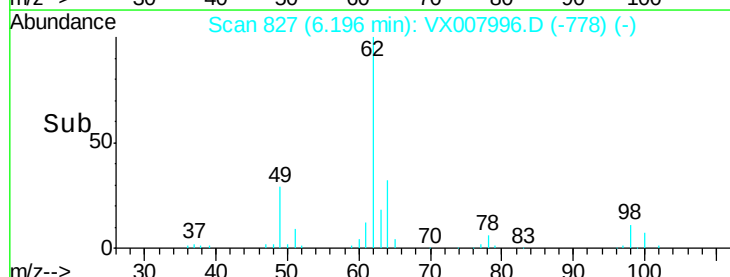
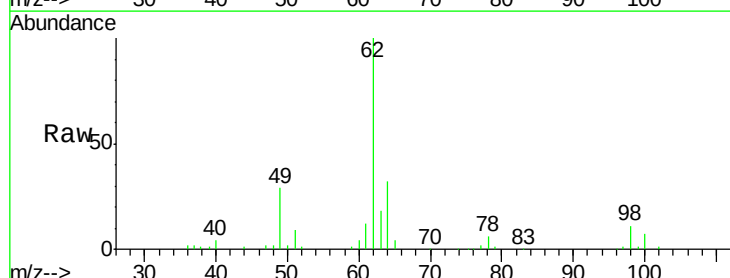
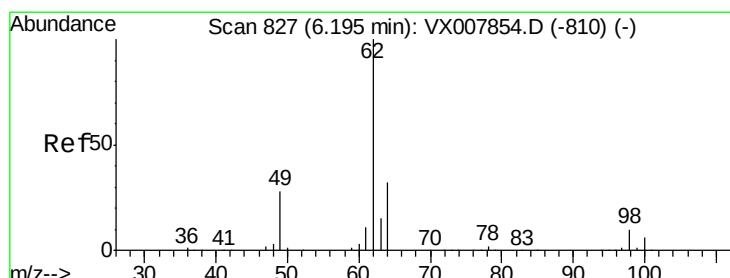
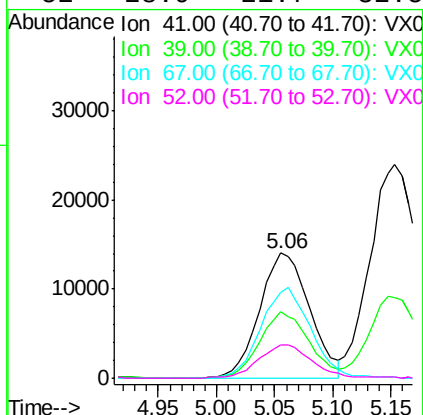




#41
Methacrylonitrile
Concen: 19.613 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

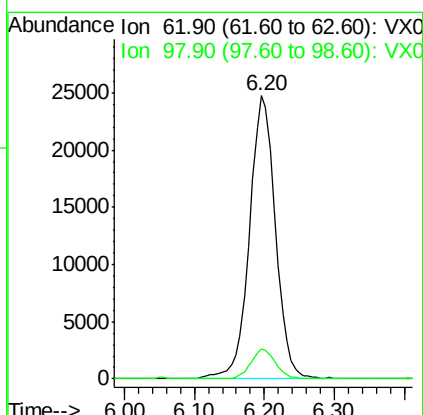
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

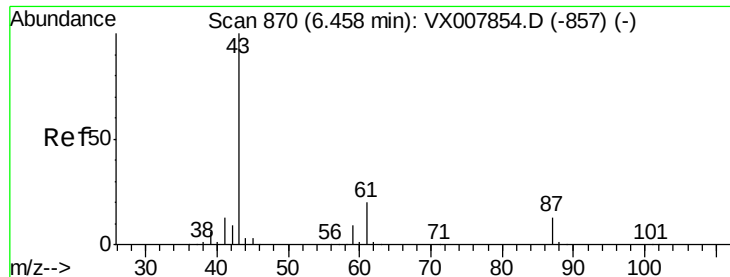
Tot Ion:	41	Resp:	41907
Ion	Ratio	Lower	Upper
41	100		
39	52.6	41.6	62.4
67	72.5	55.8	83.6
52	28.9	21.7	32.5



#42
1,2-Dichloroethane
Concen: 19.889 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion:	62	Resp:	63950
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.509 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

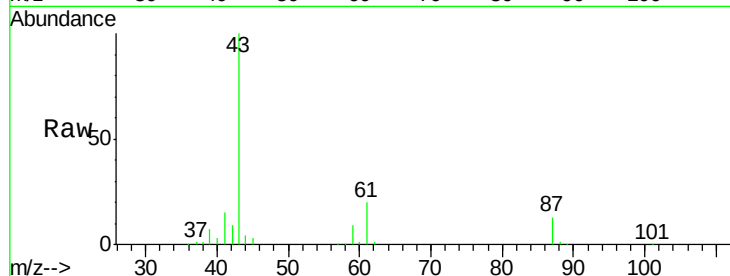
Tot Ion: 43 Resp: 113153

Ion Ratio Lower Upper

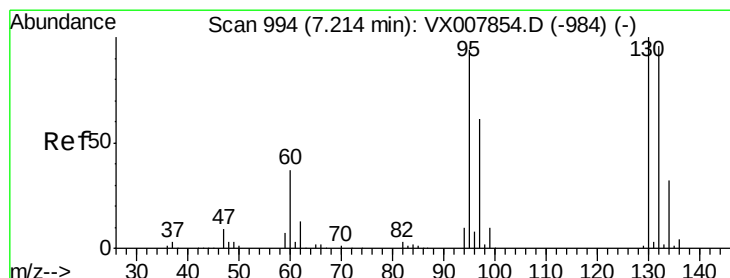
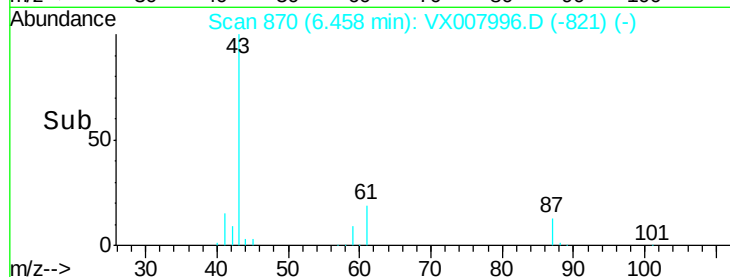
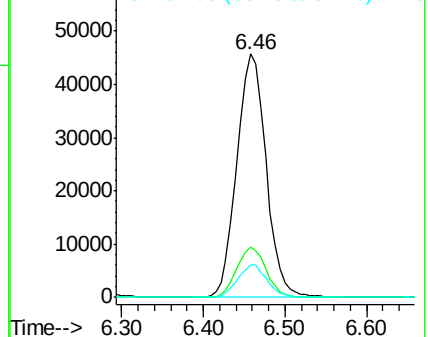
43 100

61 20.7 16.3 24.5

87 13.3 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: 20.035 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007996.D

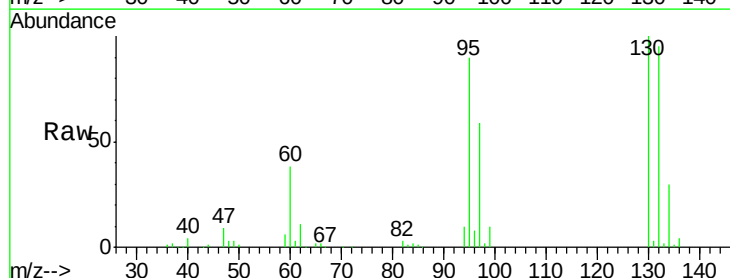
Acq: 12 Mar 2019 05:48

Tgt Ion: 130 Resp: 54285

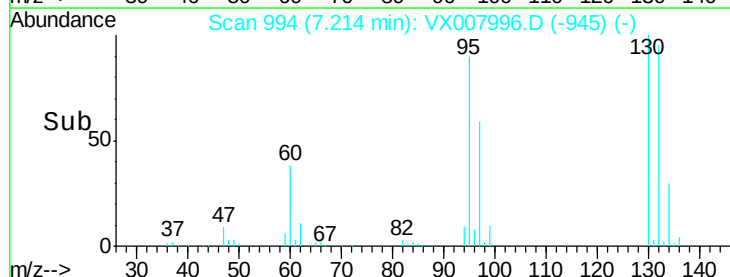
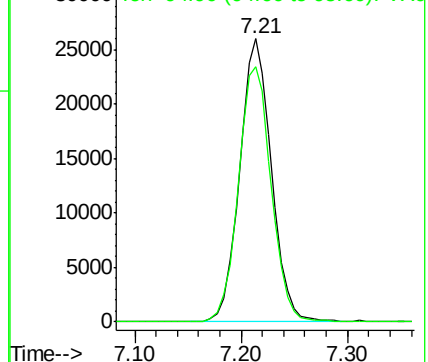
Ion Ratio Lower Upper

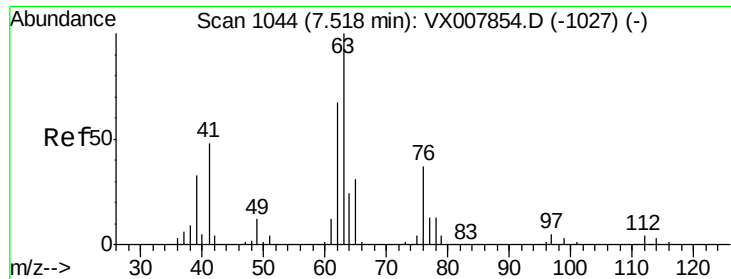
130 100

95 90.3 0.0 188.0



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

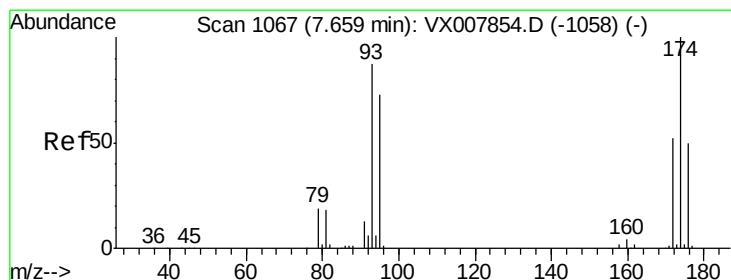
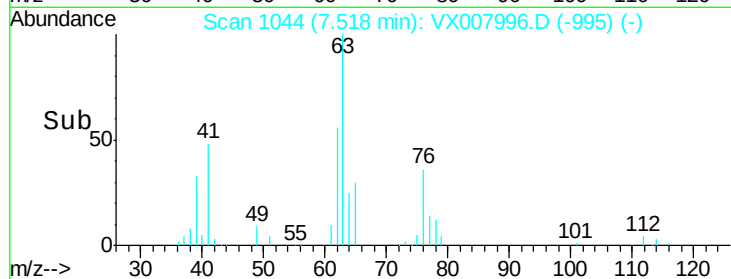
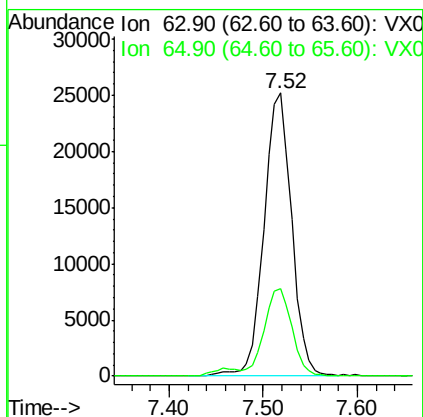
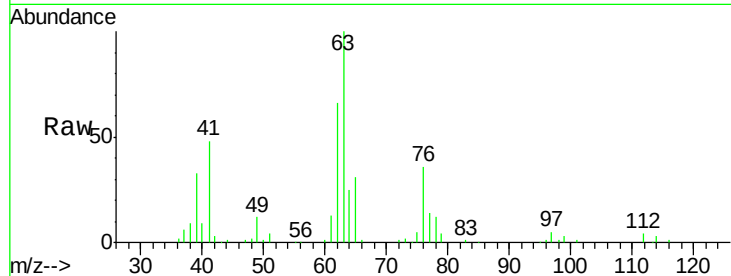




#45
 1,2-Dichloropropane
 Concen: 20.014 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

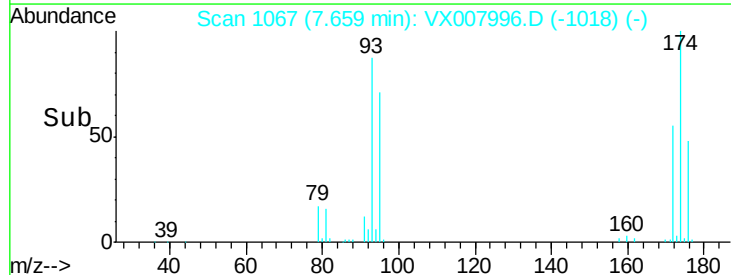
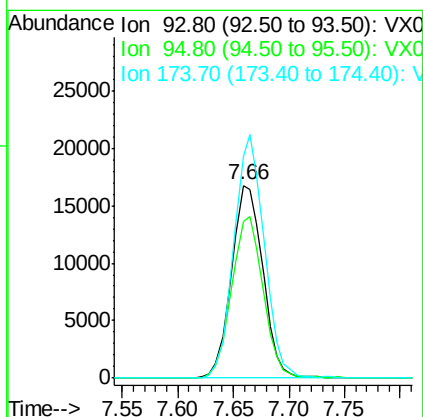
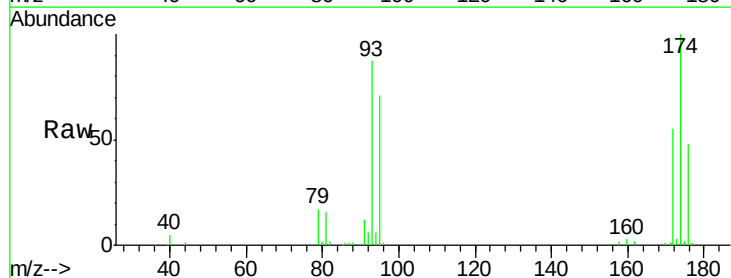
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

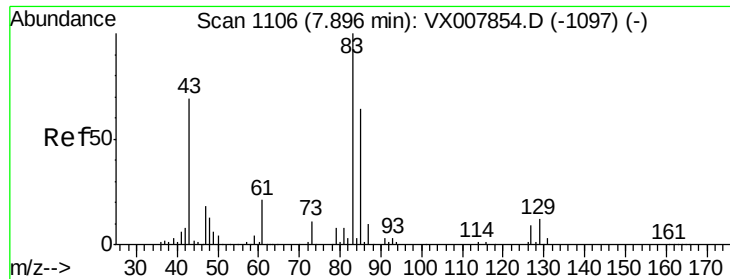
Tot Ion: 63 Resp: 51971
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 19.908 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 93 Resp: 32716
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 122.0 97.3 145.9





#47

Bromodichloromethane

Concen: 19.198 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

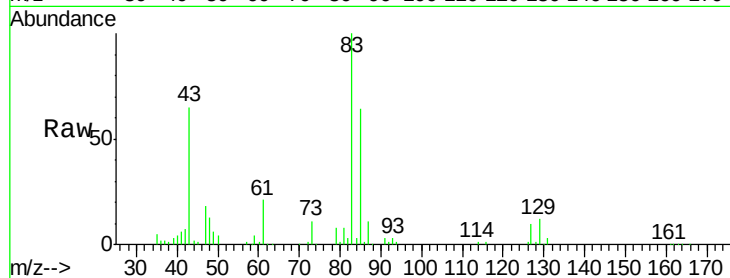
Tot Ion: 83 Resp: 59816

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3

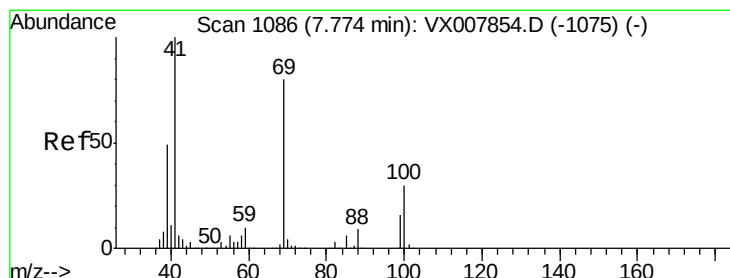
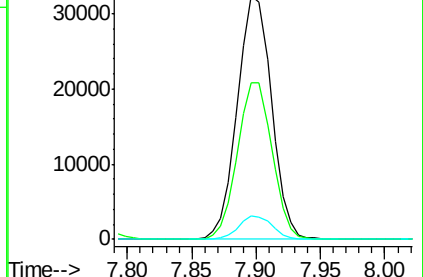
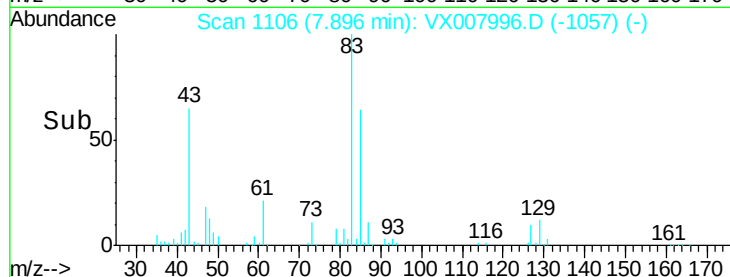
127 9.6 7.4 11.0



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: 19.404 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

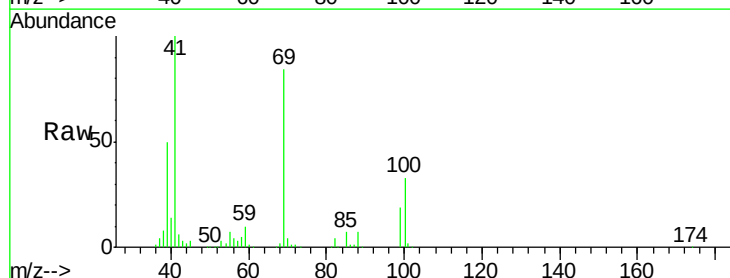
Tgt Ion: 41 Resp: 59173

Ion Ratio Lower Upper

41 100

69 84.6 65.2 97.8

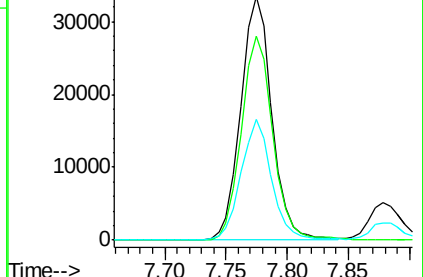
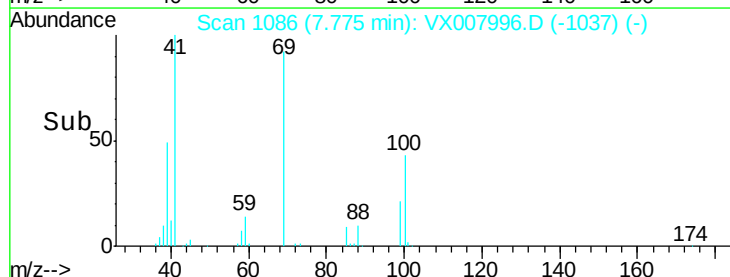
39 48.8 39.4 59.2

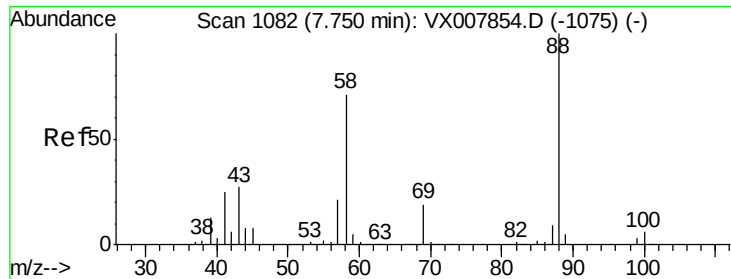


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 412.882 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

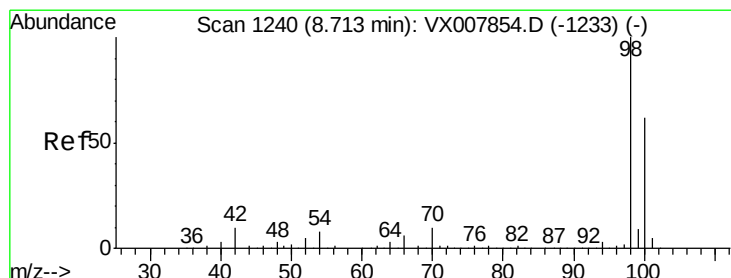
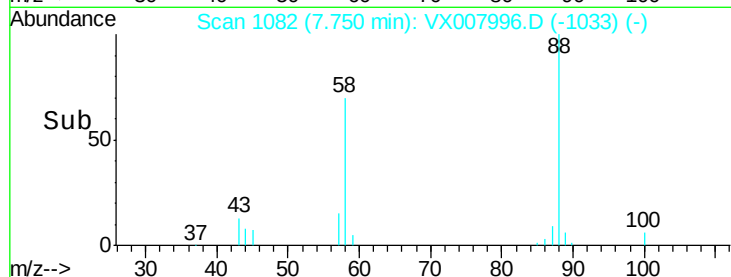
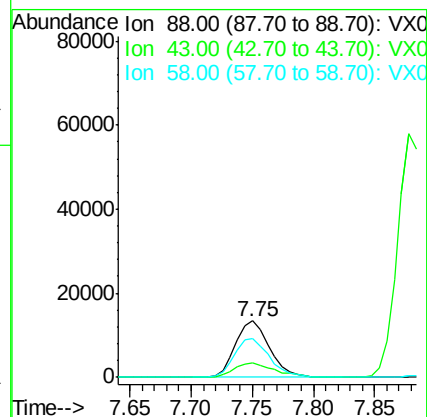
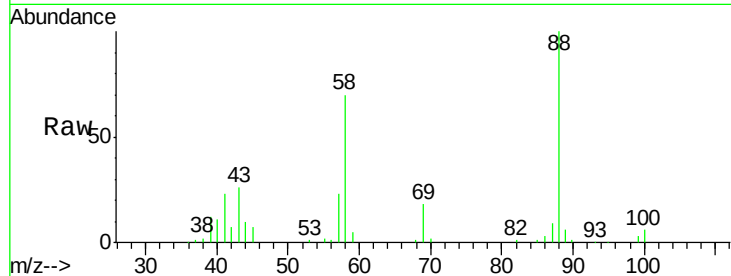
Tot Ion: 88 Resp: 25864

Ion Ratio Lower Upper

88 100

43 31.0 25.1 37.7

58 71.2 57.8 86.6



#50

Toluene-d8

Concen: 49.981 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007996.D

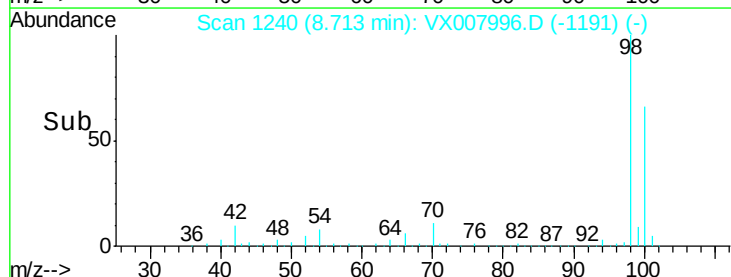
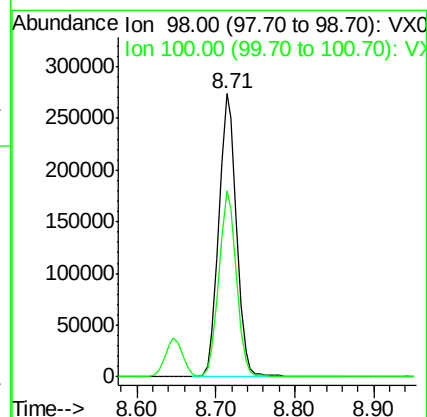
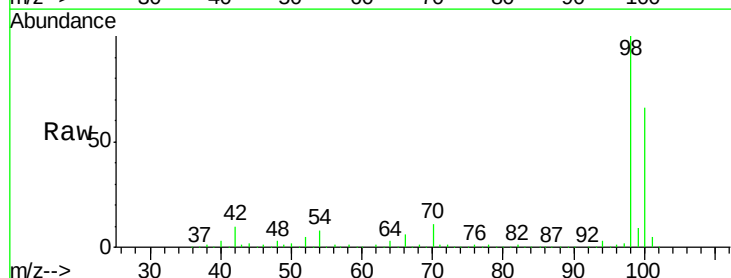
Acq: 12 Mar 2019 05:48

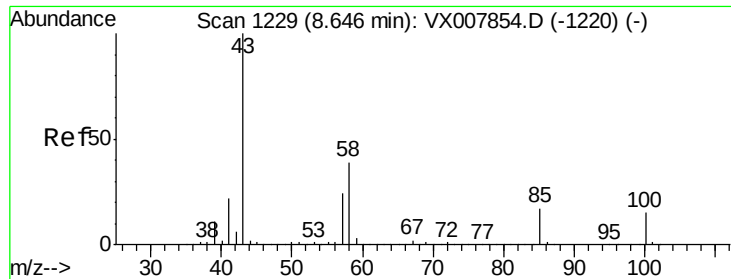
Tgt Ion: 98 Resp: 428246

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 101.648 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleID :

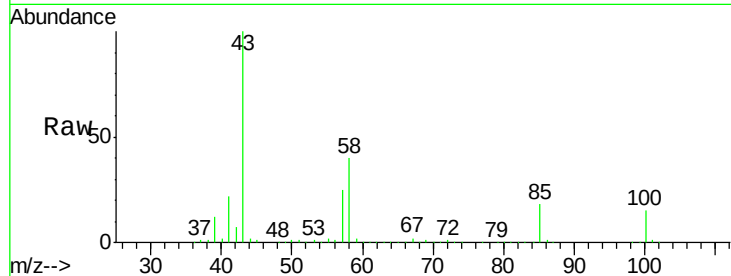
VX0311WBSD03

Tot Ion: 43 Resp: 379154

Ion Ratio Lower Upper

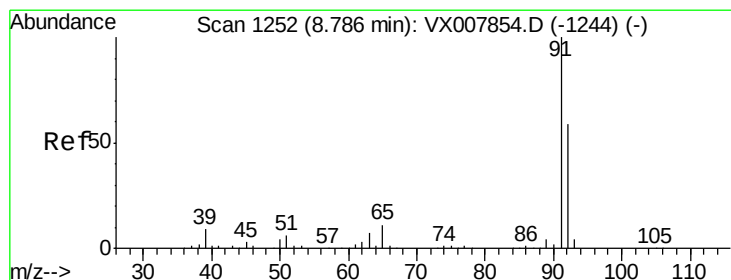
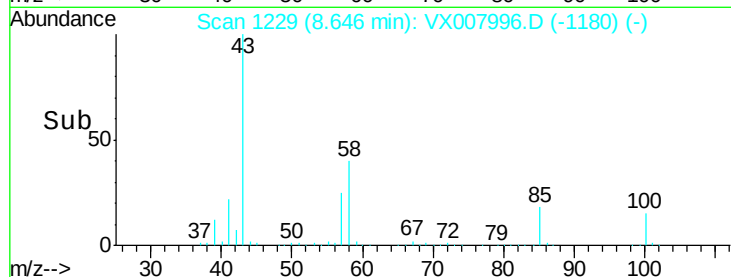
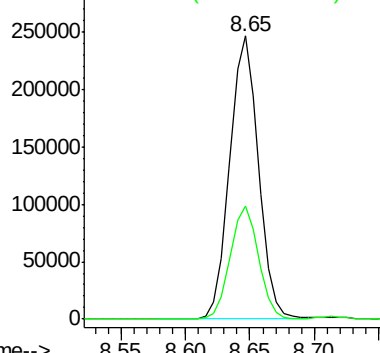
43 100

58 39.6 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: 20.195 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007996.D

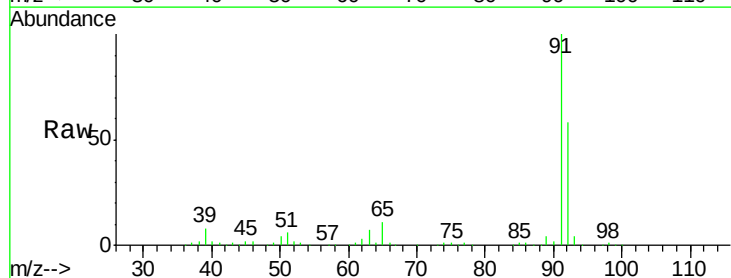
Acq: 12 Mar 2019 05:48

Tgt Ion: 92 Resp: 121219

Ion Ratio Lower Upper

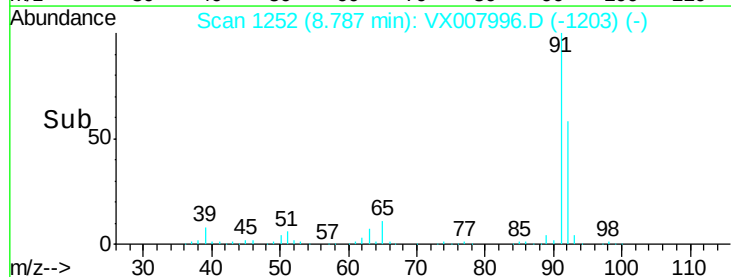
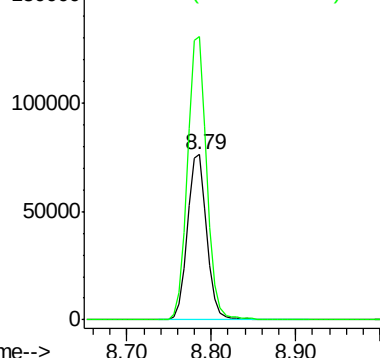
92 100

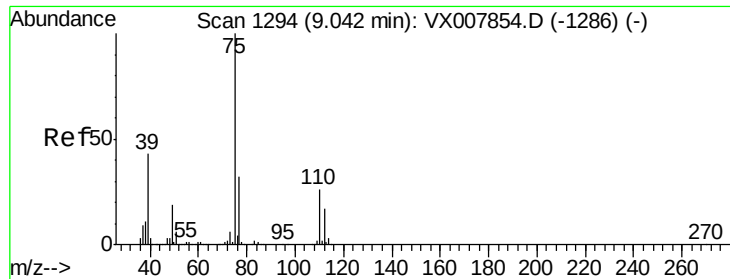
91 170.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

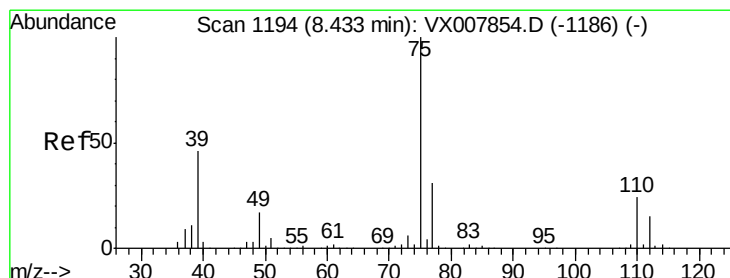
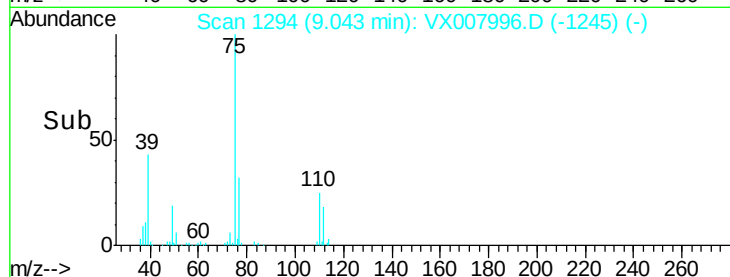
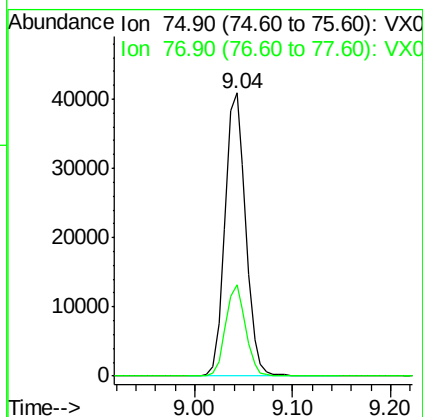
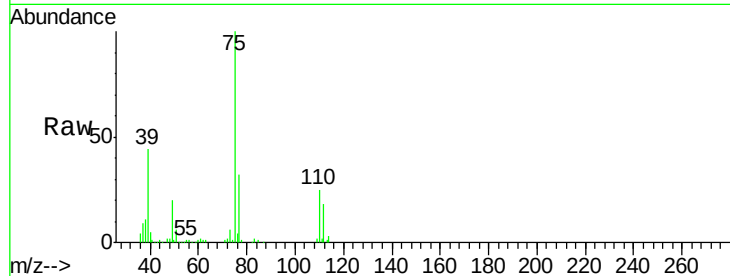




#53
t-1,3-Dichloropropene
Concen: 18.453 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

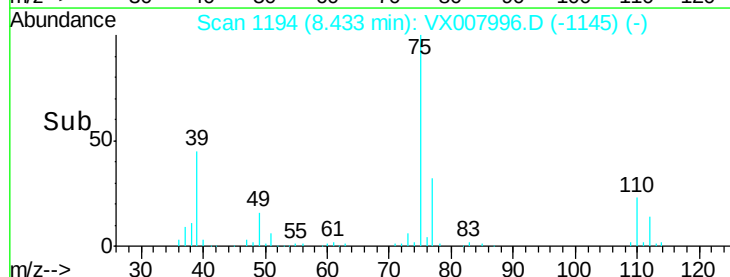
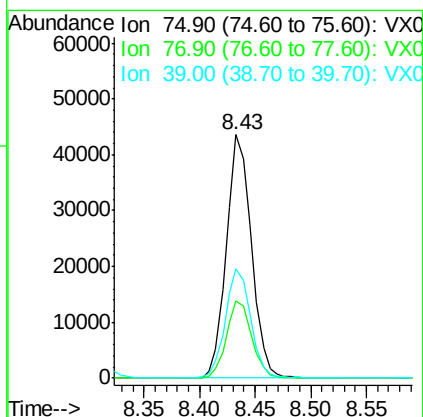
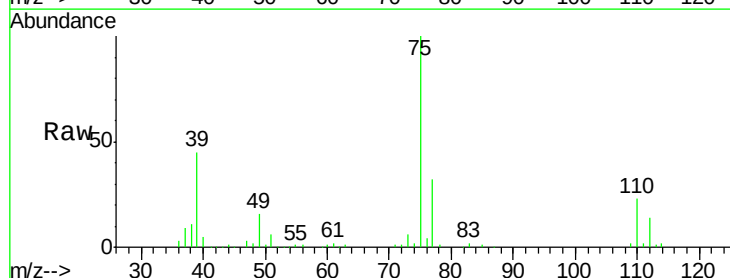
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

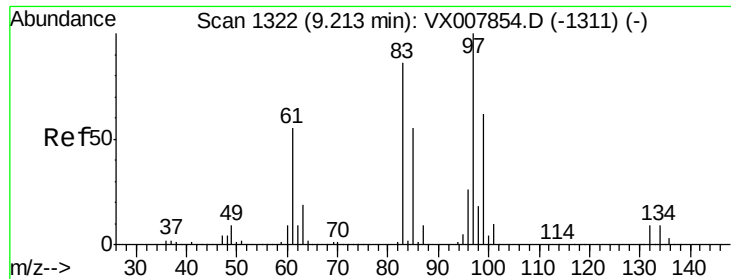
Tot Ion: 75 Resp: 60011
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.543 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 75 Resp: 68096
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 44.5 36.6 54.8



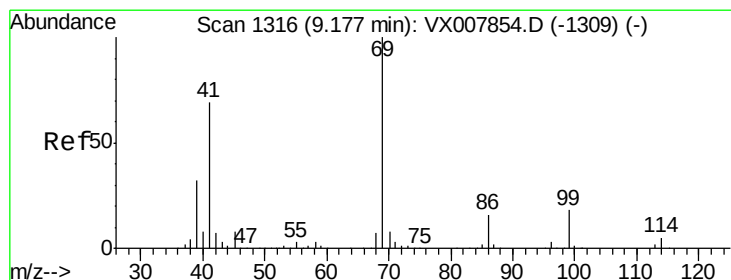
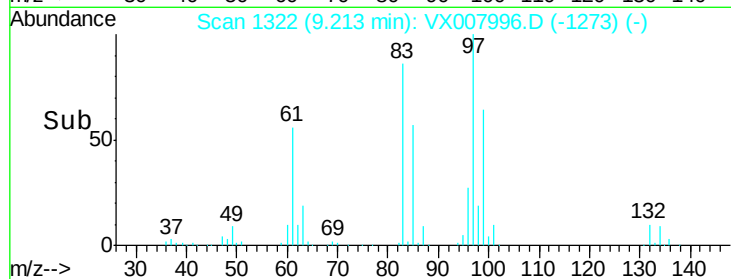
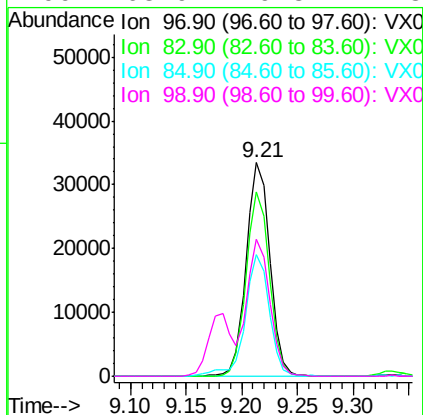
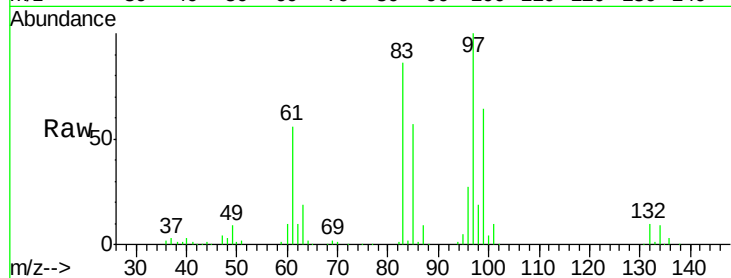


#55
 1,1,2-Trichloroethane
 Concen: 20.358 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

Tot Ion: 97 Resp: 49467

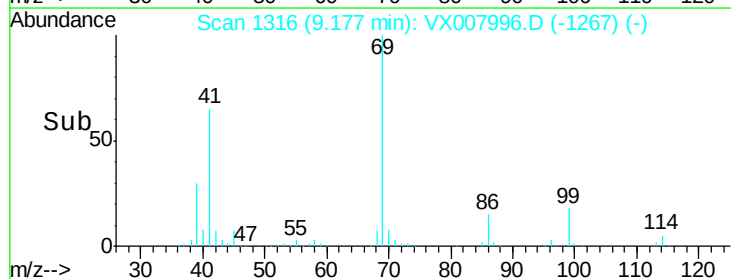
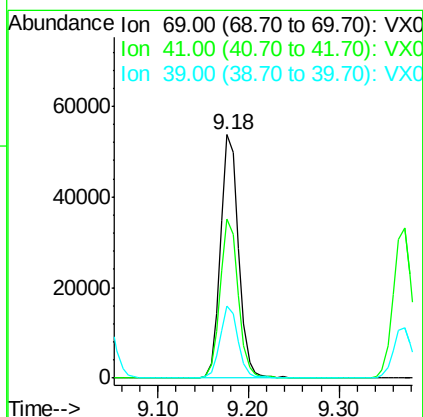
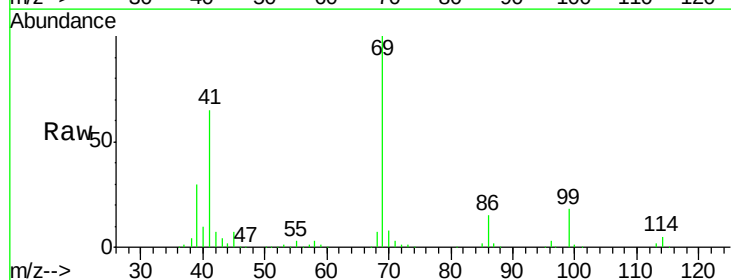
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.1	103.7
85	57.1	44.3	66.5
99	63.9	49.8	74.8

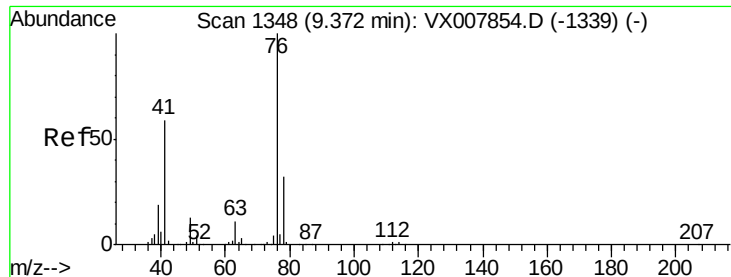


#56
 Ethyl methacrylate
 Concen: 20.522 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 69 Resp: 74872

Ion	Ratio	Lower	Upper
69	100		
41	65.9	54.2	81.4
39	29.6	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.243 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

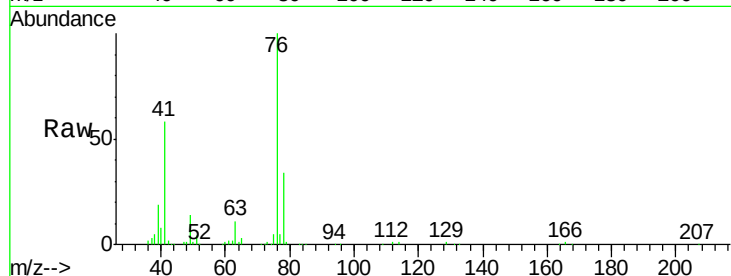
VX0311WBSD03

Tot Ion: 76 Resp: 82589

Ion Ratio Lower Upper

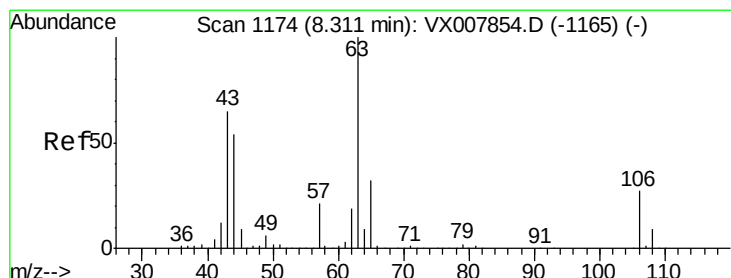
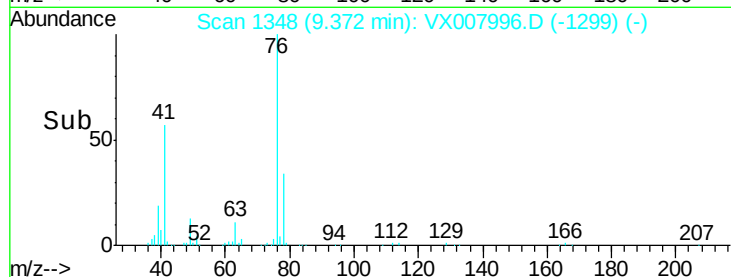
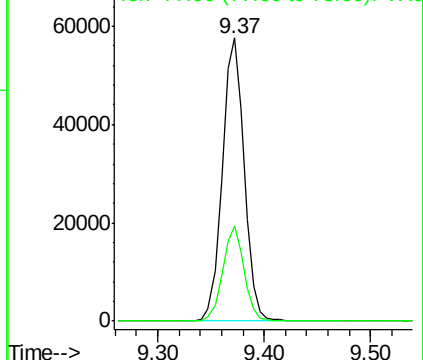
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.391 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007996.D

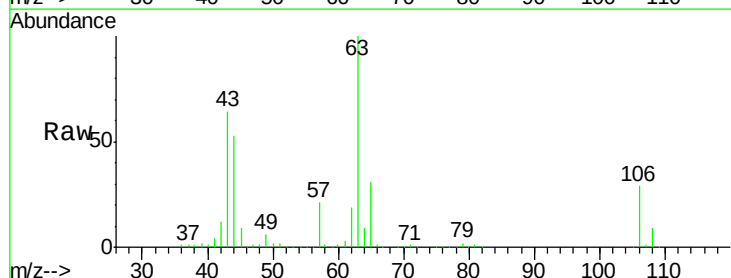
Acq: 12 Mar 2019 05:48

Tgt Ion: 63 Resp: 195121

Ion Ratio Lower Upper

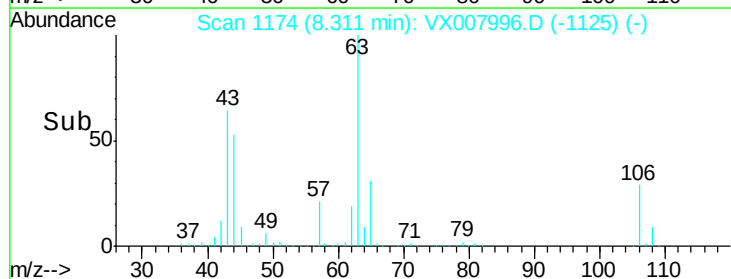
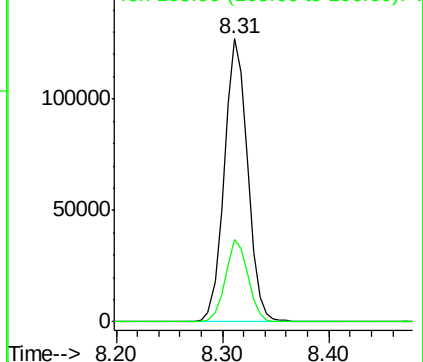
63 100

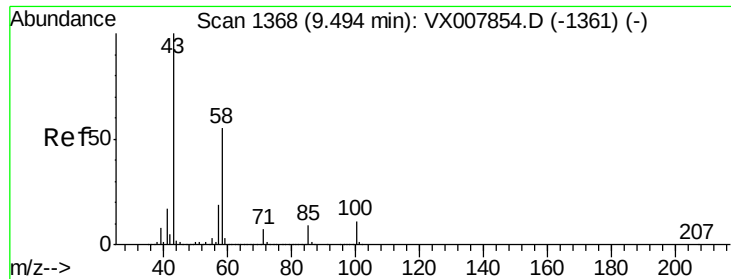
106 28.4 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

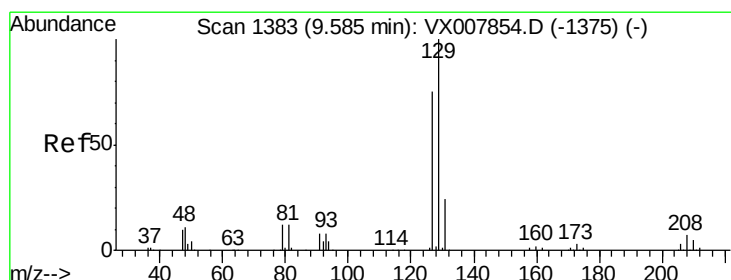
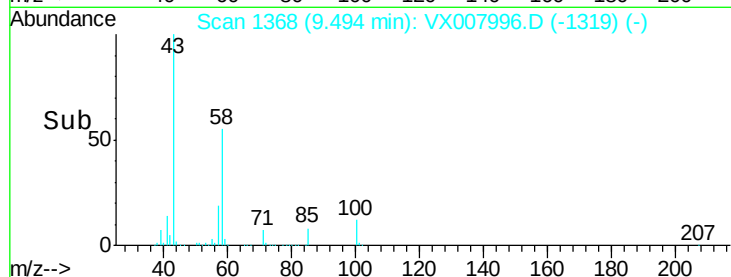
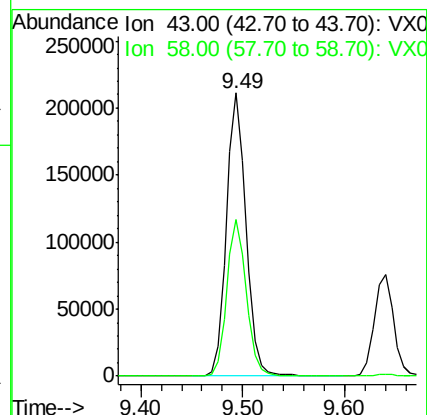
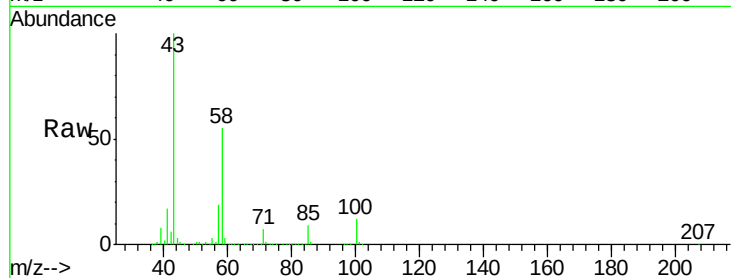




#59
2-Hexanone
Concen: 97.436 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

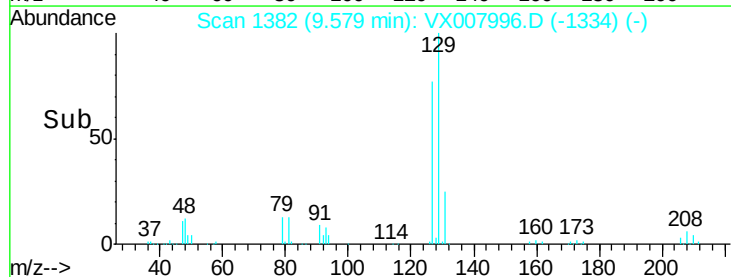
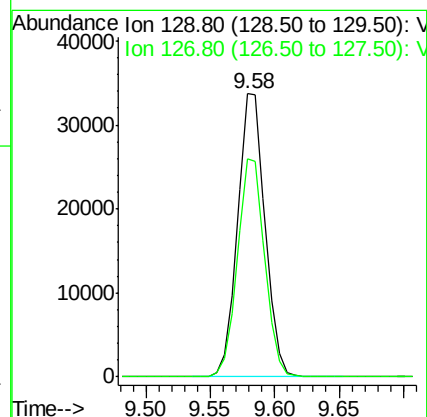
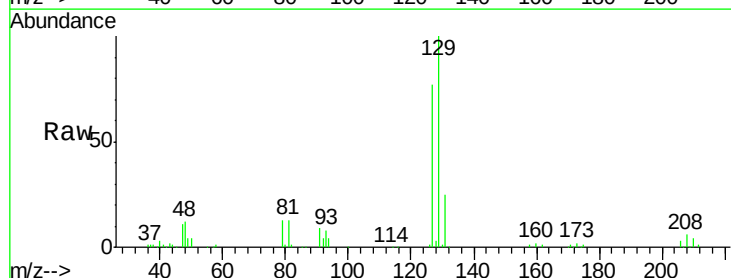
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

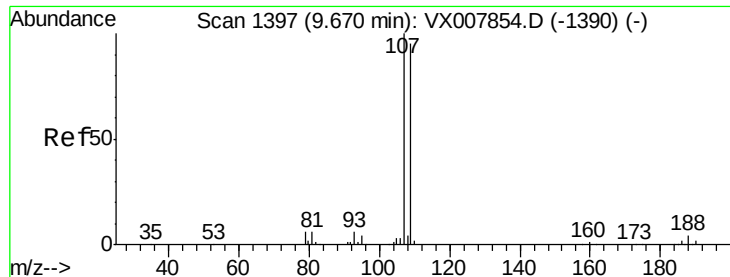
Tot Ion: 43 Resp: 282168
Ion Ratio Lower Upper
43 100
58 55.5 27.6 82.7



#60
Dibromochloromethane
Concen: 19.709 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 129 Resp: 50058
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.911 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

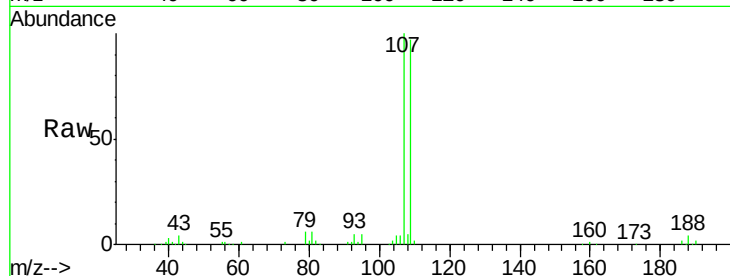
VX0311WBSD03

Tot Ion:107 Resp: 51368

Ion Ratio Lower Upper

107 100

109 95.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

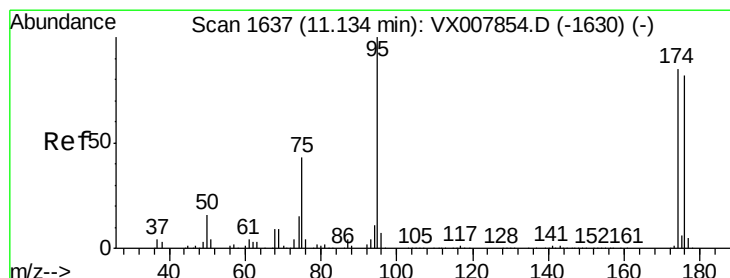
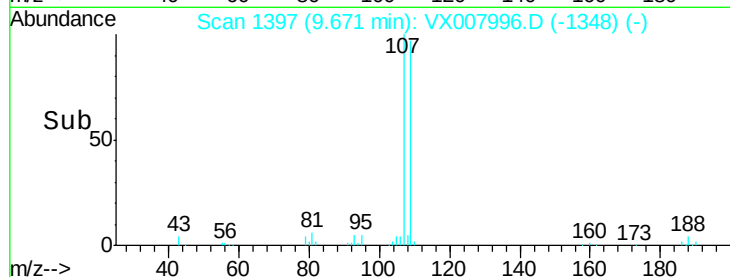
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.082 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

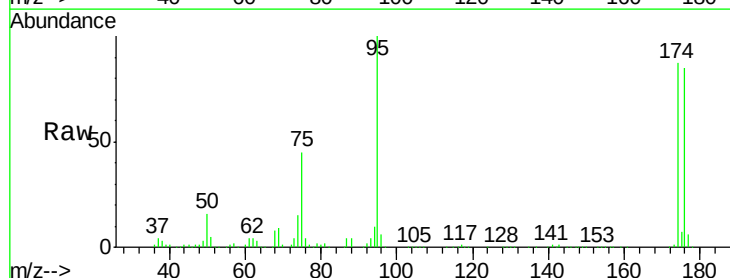
Tgt Ion: 95 Resp: 150448

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.8

176 90.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

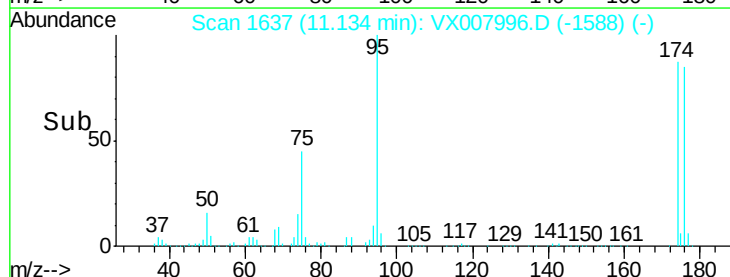
100000

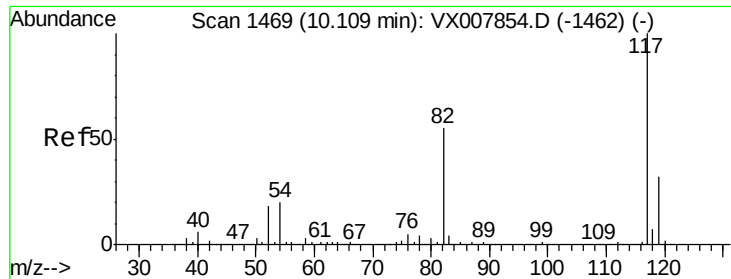
50000

0

Time-->

11.10 11.20

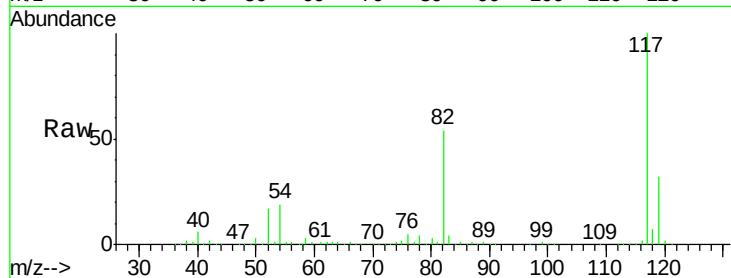




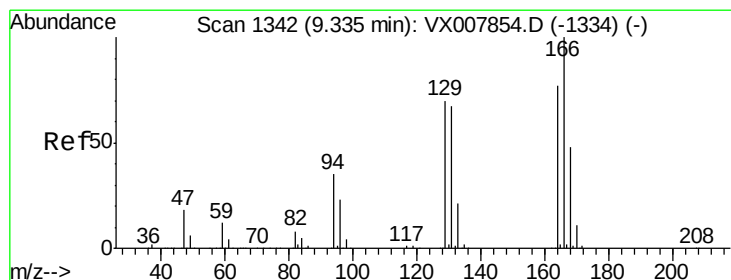
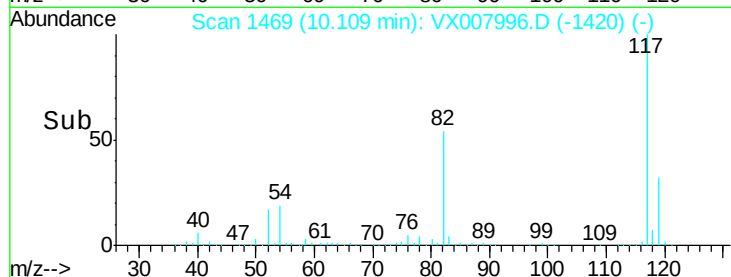
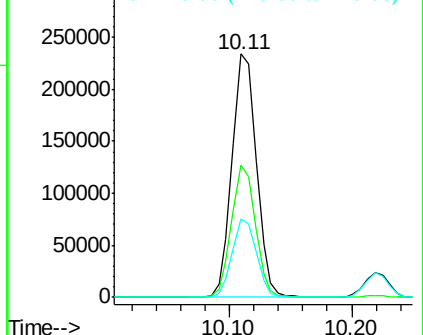
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

Tot Ion:117 Resp: 322985
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.1 25.3 37.9



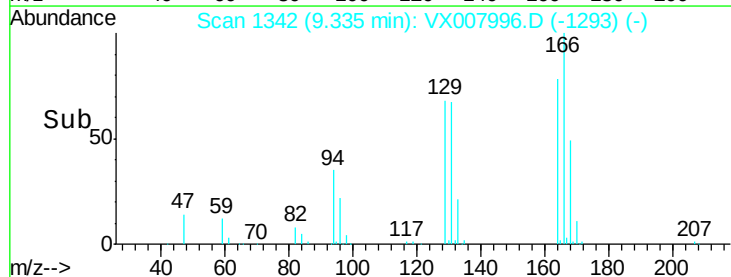
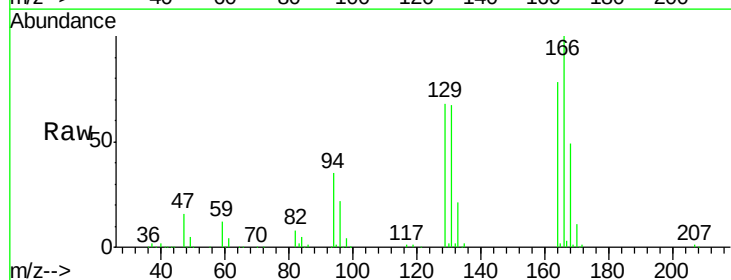
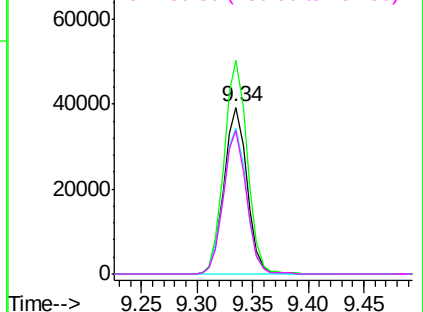
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

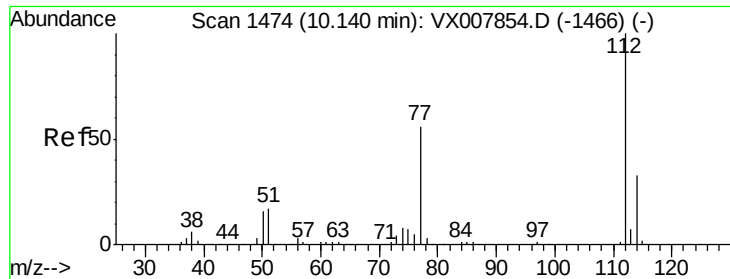


#64
Tetrachloroethene
Concen: 20.973 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion:164 Resp: 56136
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 87.1 72.2 108.4
131 85.5 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: 19.552 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

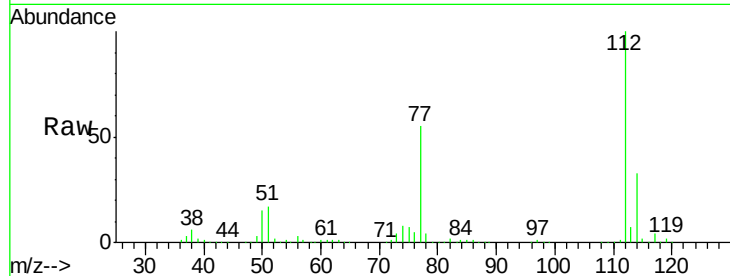
VX0311WBSD03

Tot Ion:112 Resp: 132146

Ion Ratio Lower Upper

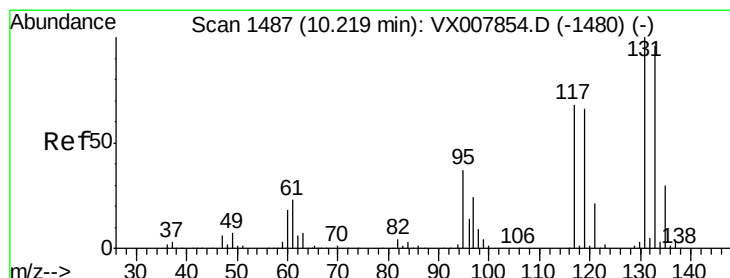
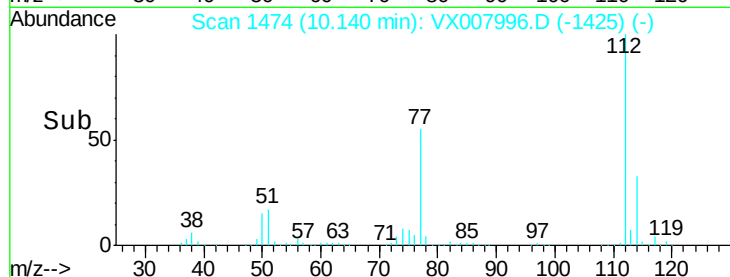
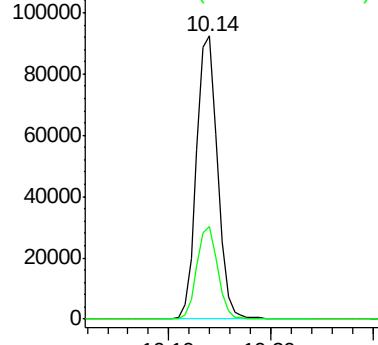
112 100

114 32.5 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: 19.805 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

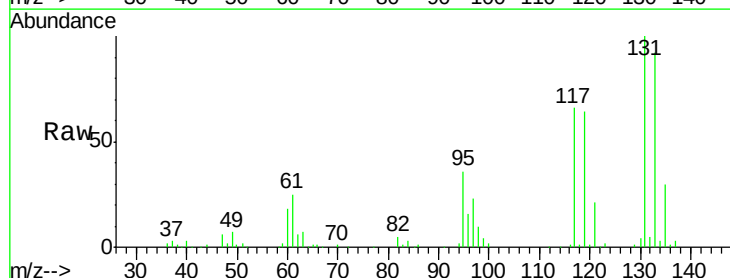
Tgt Ion:131 Resp: 47974

Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.3

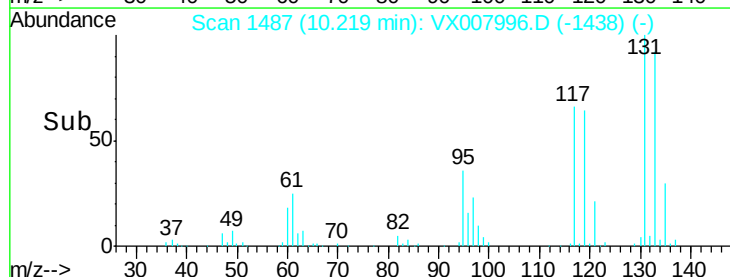
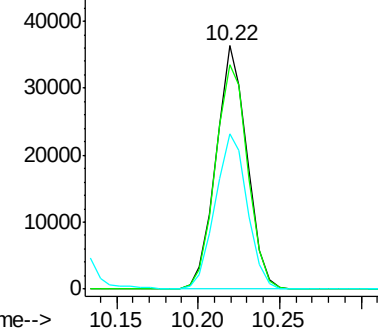
119 66.3 32.5 97.5

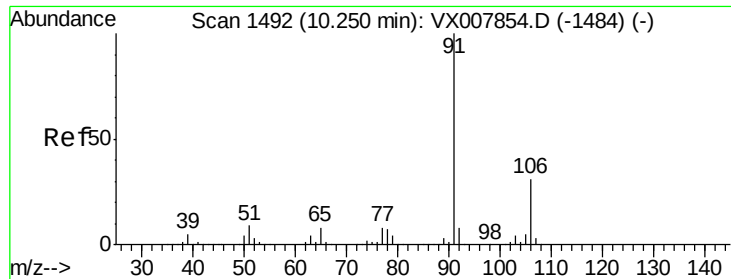


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

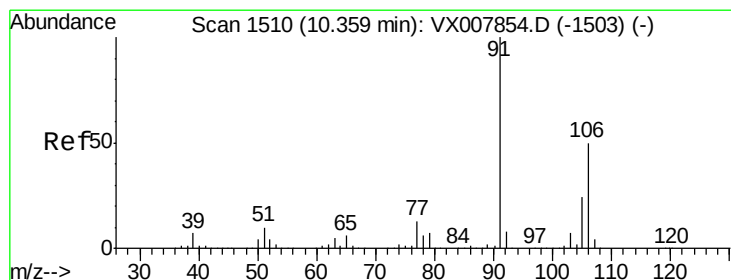
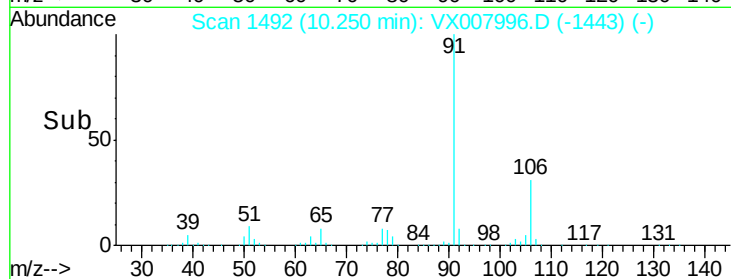
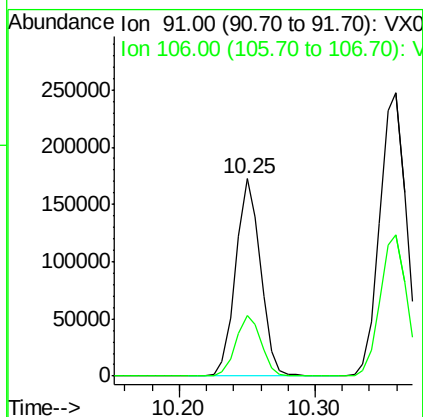
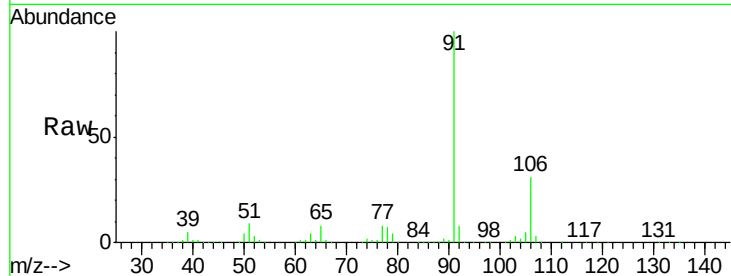




#67
Ethyl Benzene
Concen: 19.773 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

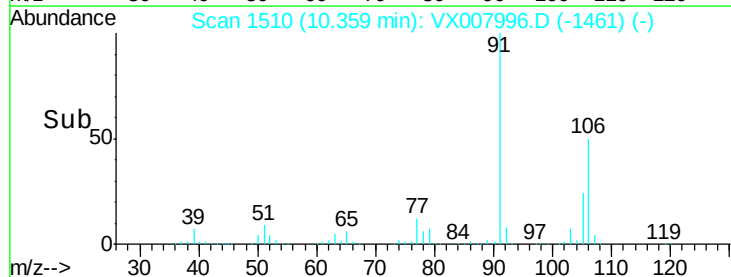
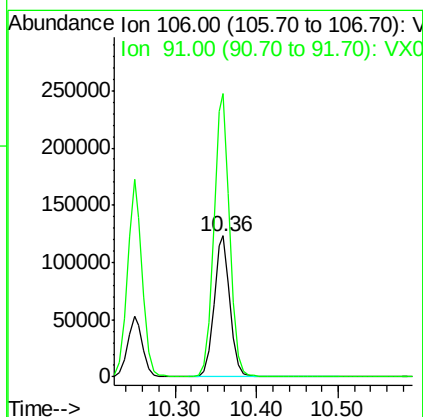
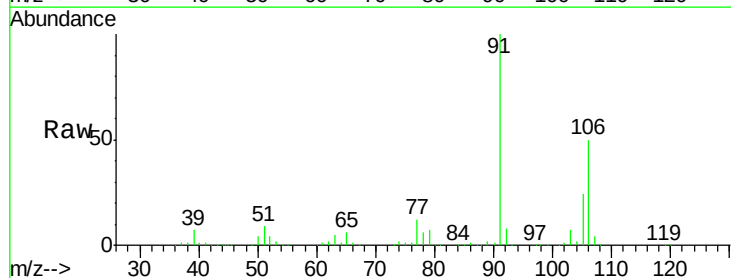
Instrument :
MSVOA_X
ClientSampleID :
VX0311WBSD03

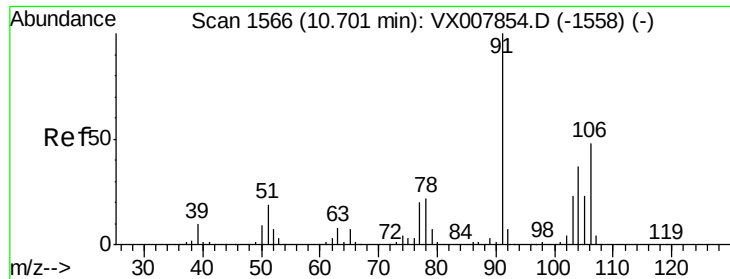
Tot Ion: 91 Resp: 219990
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8



#68
m/p-Xylenes
Concen: 39.453 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 106 Resp: 169187
Ion Ratio Lower Upper
106 100
91 201.1 159.8 239.6

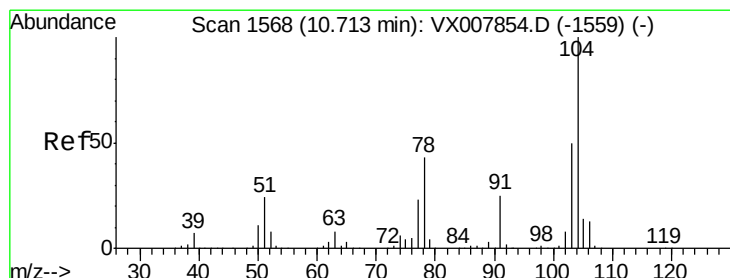
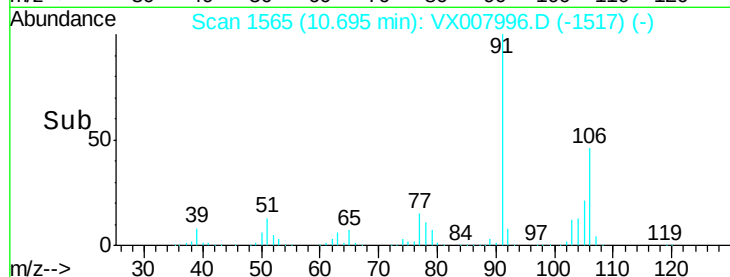
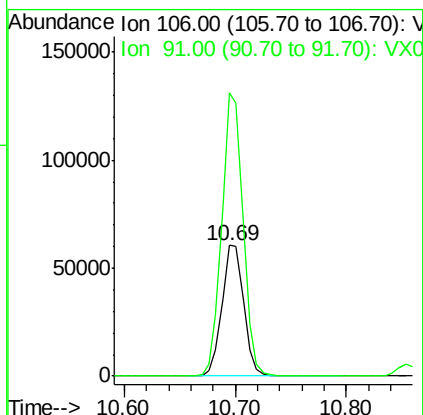
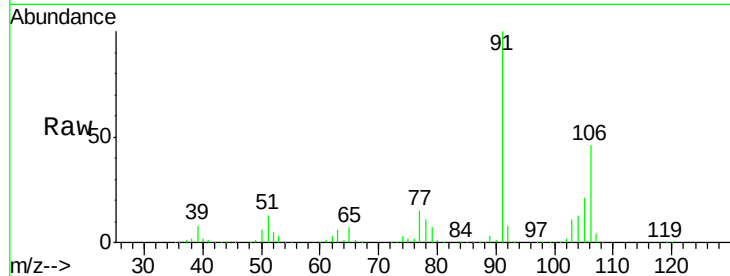




#69
o-Xylene
Concen: 19.869 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

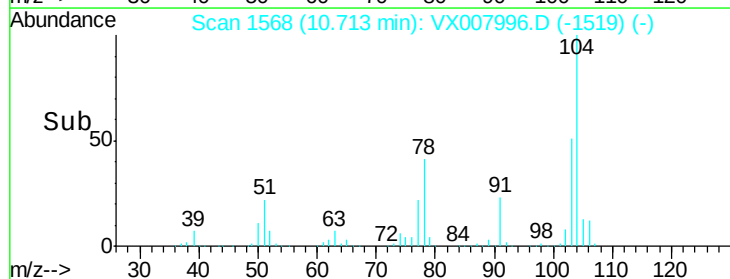
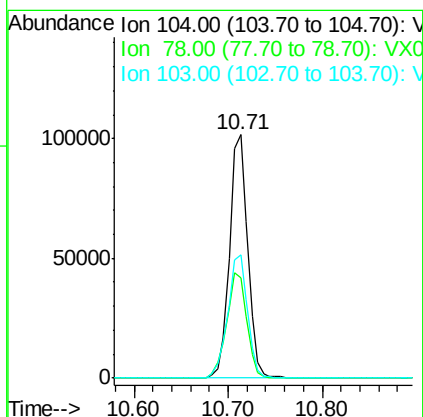
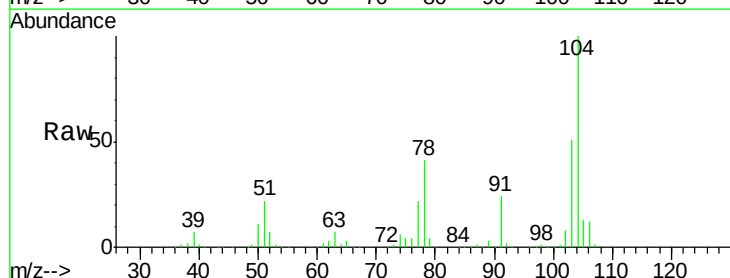
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

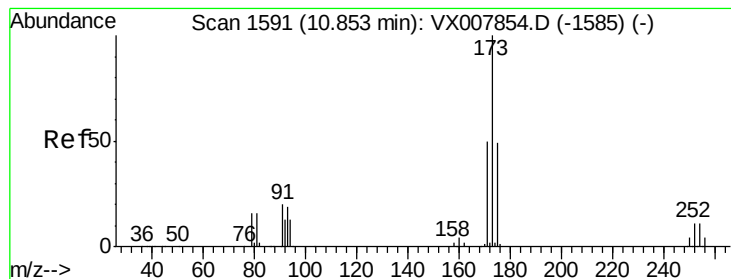
Tot Ion:106 Resp: 82260
Ion Ratio Lower Upper
106 100
91 211.1 106.3 318.9



#70
Styrene
Concen: 20.130 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion:104 Resp: 136381
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.3 44.1 66.1





#71

Bromoform

Concen: 19.291 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

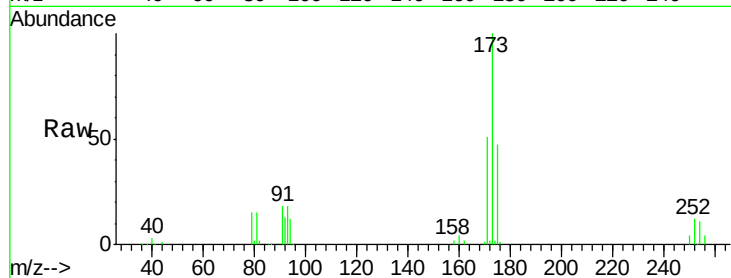
Tot Ion:173 Resp: 40129

Ion Ratio Lower Upper

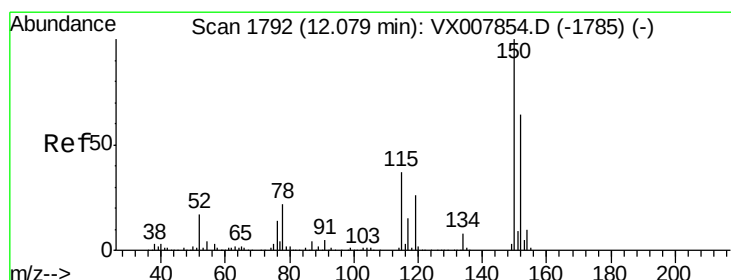
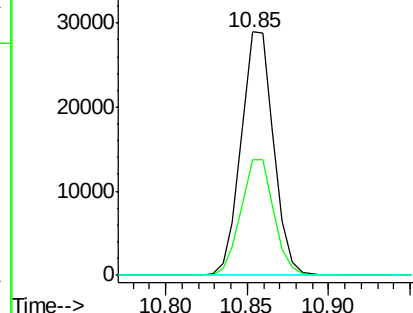
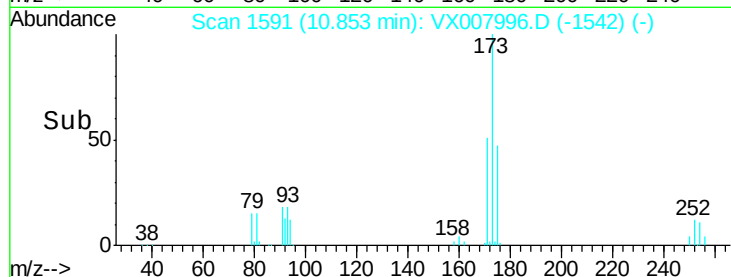
173 100

175 48.3 24.3 72.9

254 0.0 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: VX007996.D

Acq: 12 Mar 2019 05:48

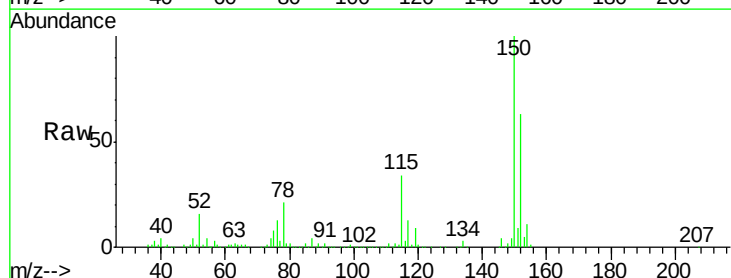
Tgt Ion:152 Resp: 157147

Ion Ratio Lower Upper

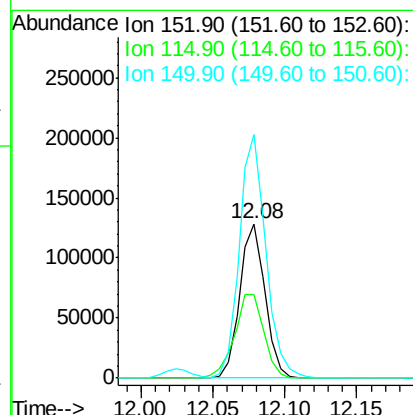
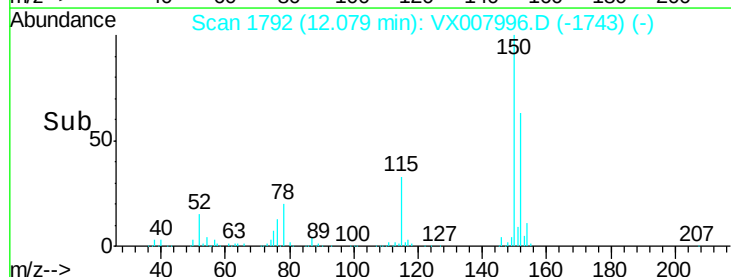
152 100

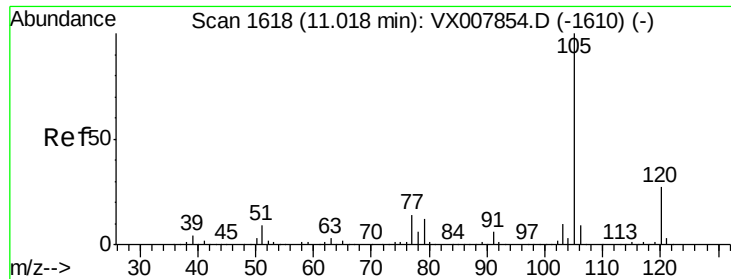
115 63.6 38.6 115.7

150 164.9 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: 20.901 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

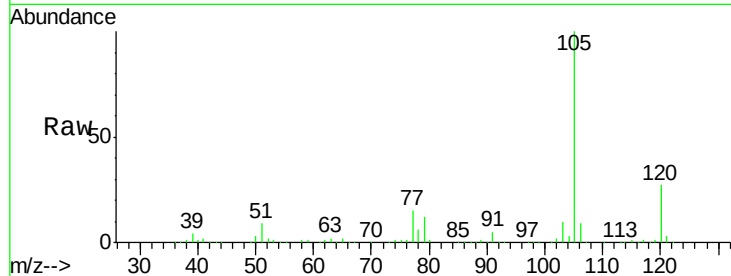
VX0311WBSD03

Tot Ion:105 Resp: 222133

Ion Ratio Lower Upper

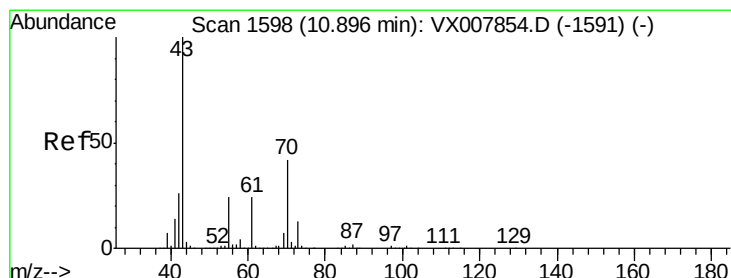
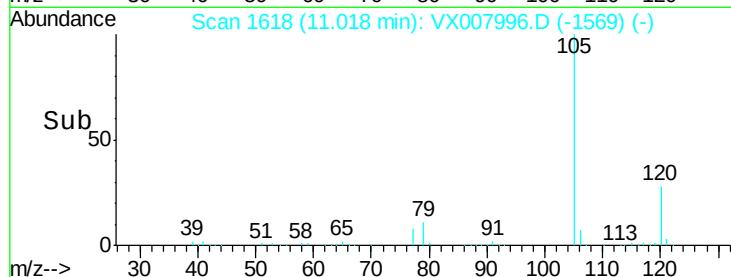
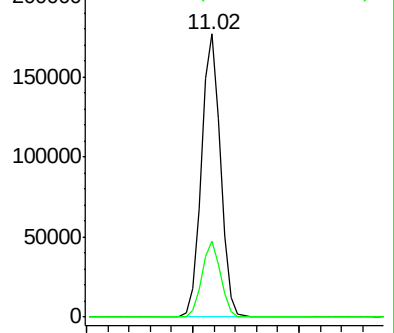
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.803 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Tgt Ion: 43 Resp: 96083

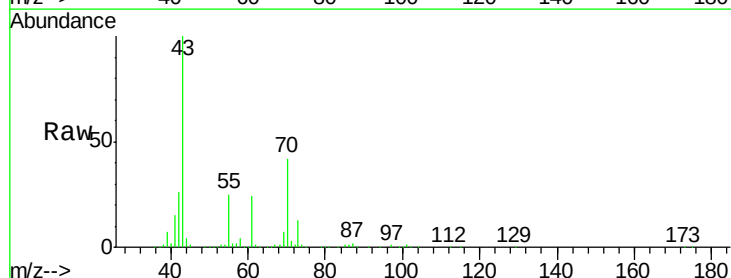
Ion Ratio Lower Upper

43 100

70 43.0 33.5 50.3

55 25.7 19.2 28.8

61 24.3 19.0 28.6

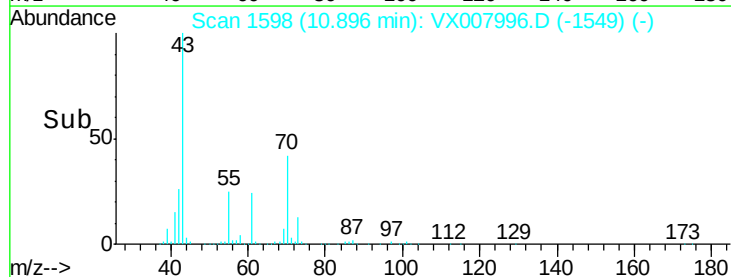
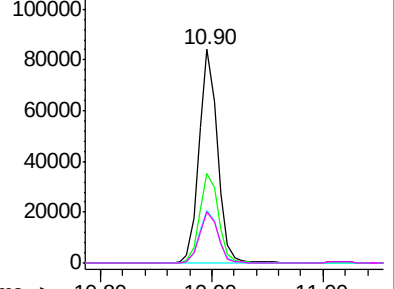


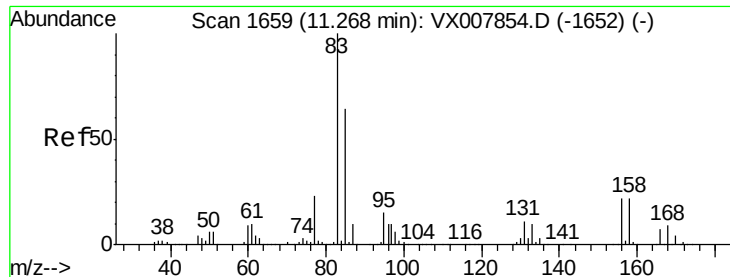
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.123 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

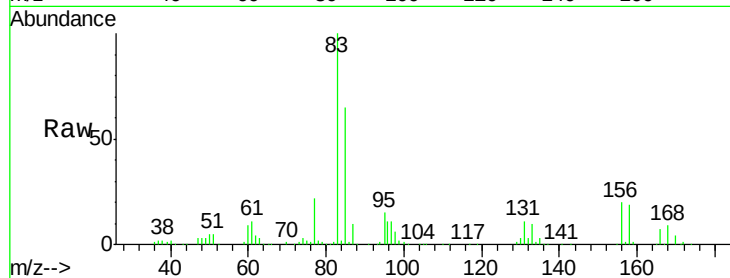
MSVOA_X

ClientSampleId :

VX0311WBSD03

Tot Ion: 83 Resp: 73770

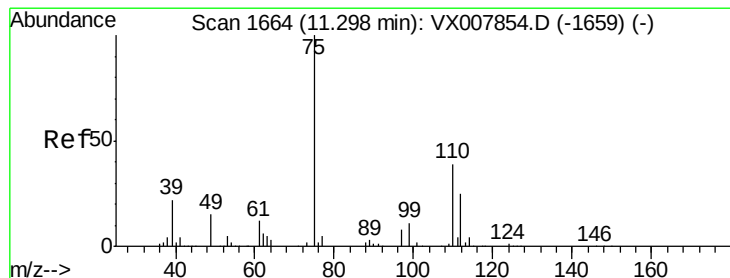
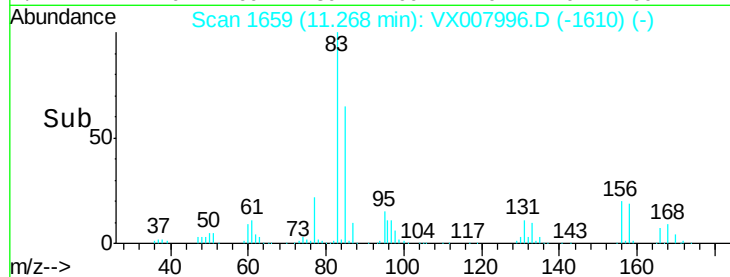
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	65.1	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.525 ug/l

RT: 11.29 min Scan# 1663

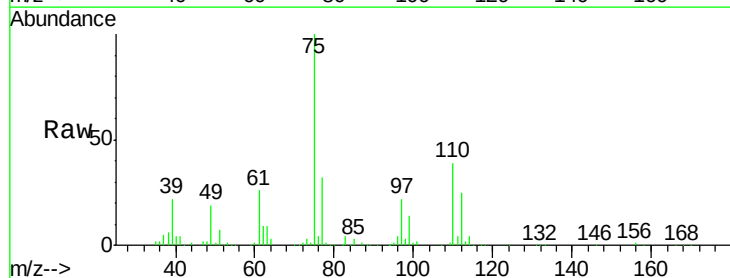
Delta R.T. -0.01 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

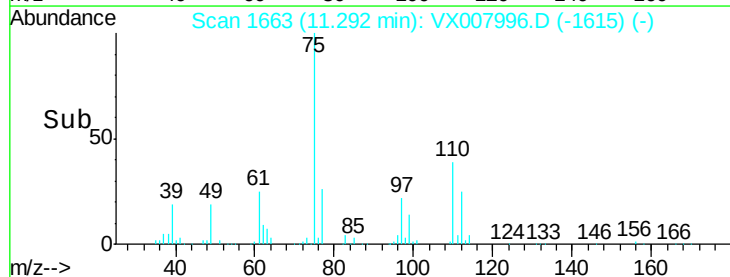
Tgt Ion: 75 Resp: 80873

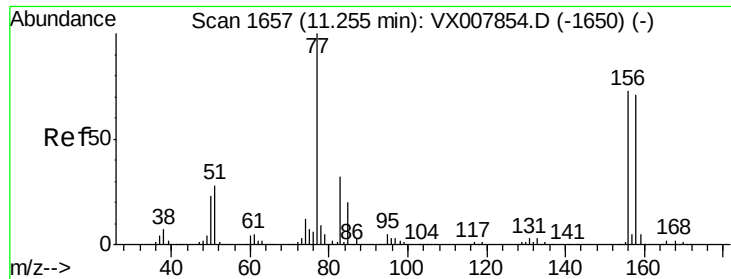
Ion	Ratio	Lower	Upper
75	100		
77	32.3	18.9	56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.316 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

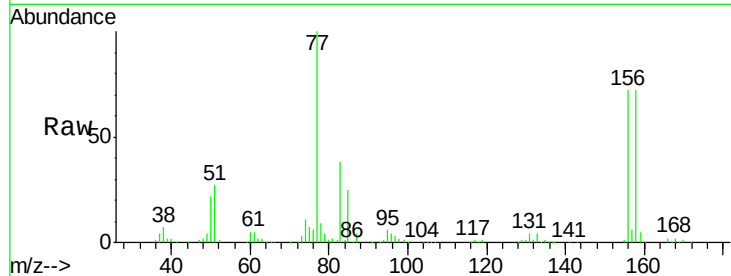
Tot Ion:156 Resp: 59198

Ion Ratio Lower Upper

156 100

77 143.0 72.0 215.9

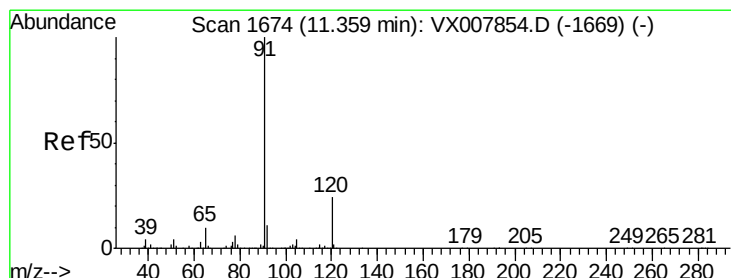
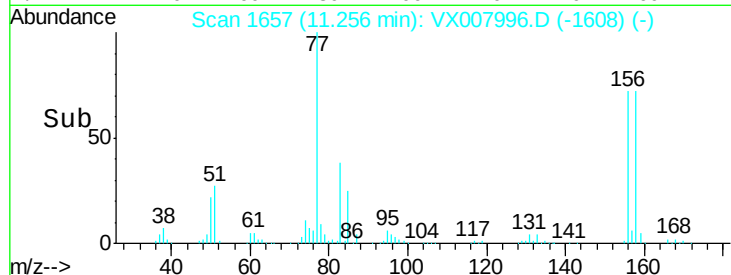
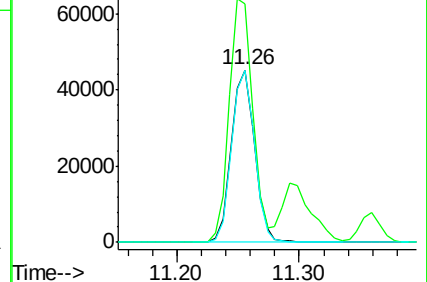
158 98.3 48.6 145.9



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: 20.542 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007996.D

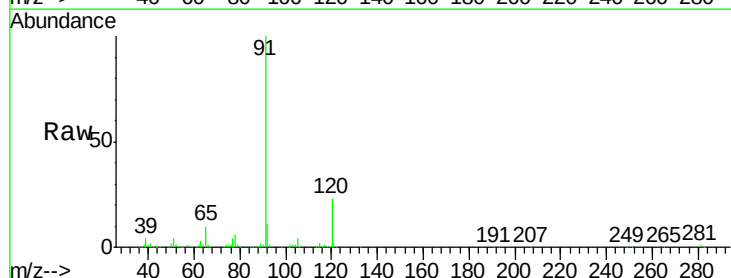
Acq: 12 Mar 2019 05:48

Tgt Ion: 91 Resp: 242208

Ion Ratio Lower Upper

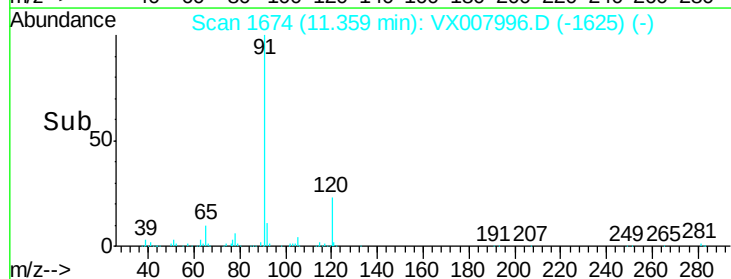
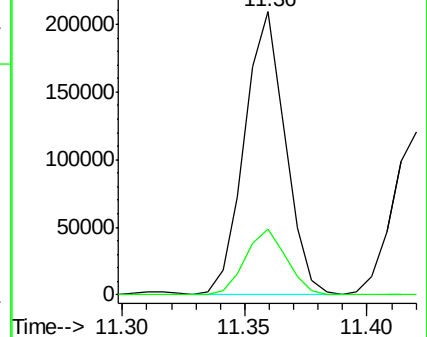
91 100

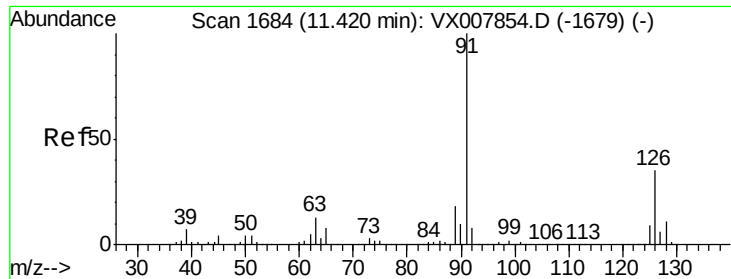
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

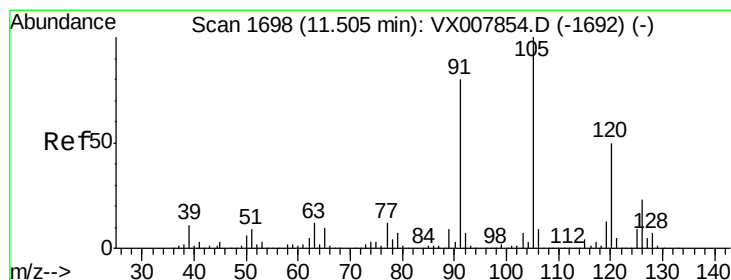
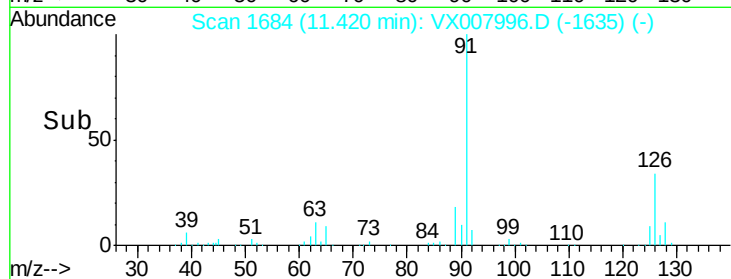
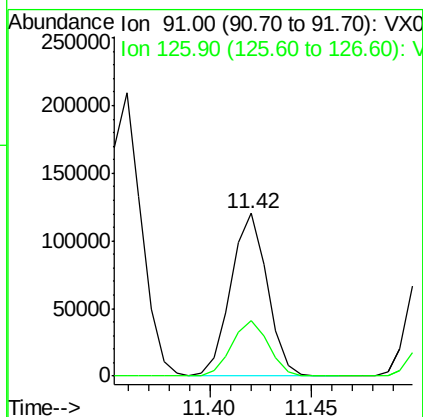
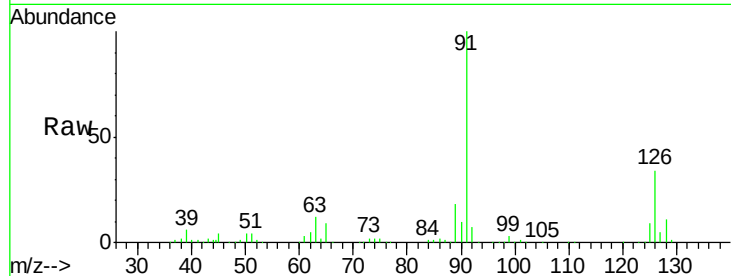




#79
 2-Chlorotoluene
 Concen: 20.566 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

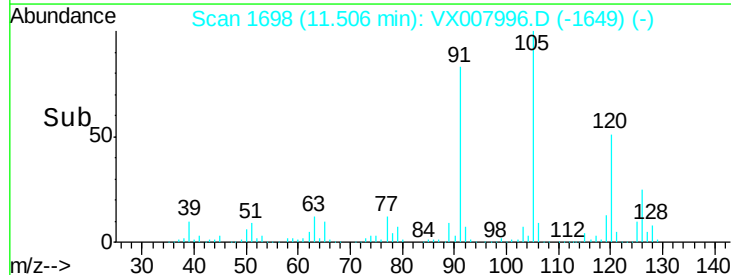
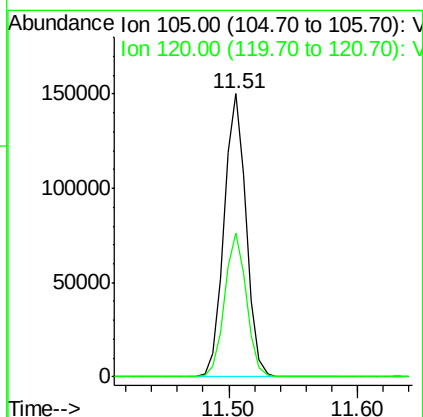
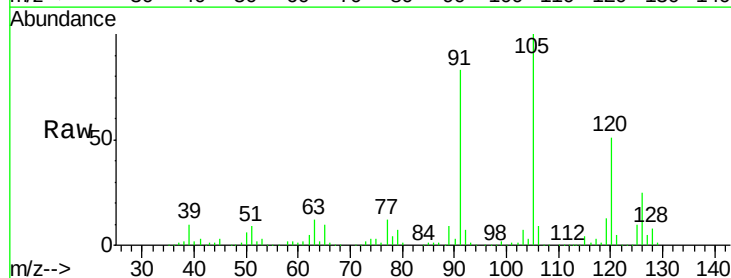
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

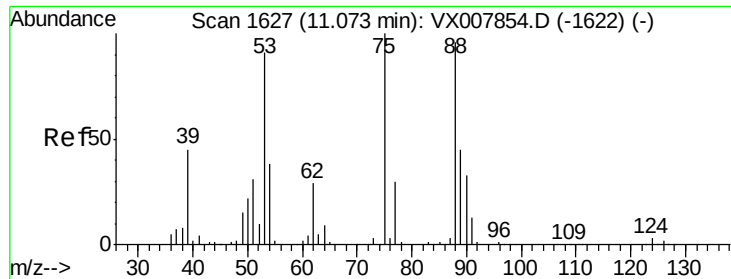
Tot Ion: 91 Resp: 148264
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.704 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 105 Resp: 181106
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6

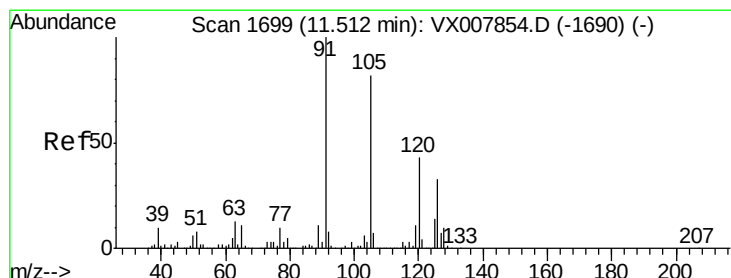
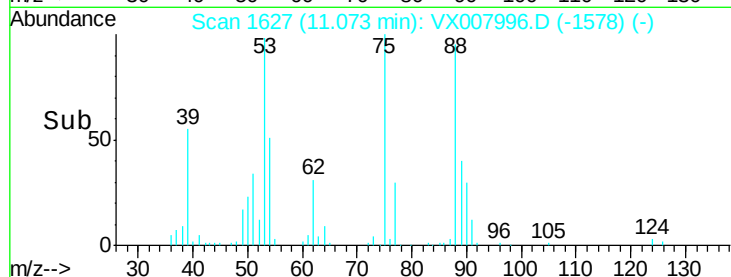
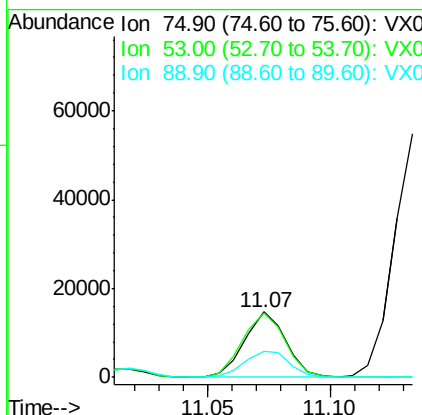
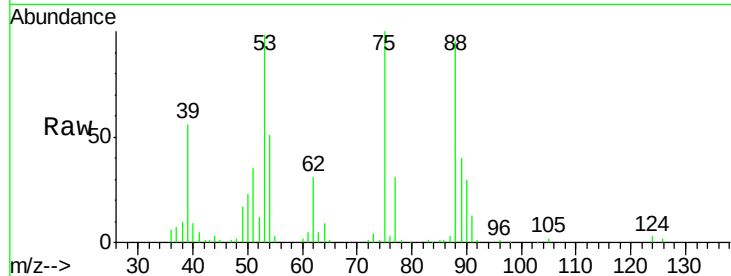




#81
trans-1,4-Dichloro-2-butene
Concen: 17.000 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

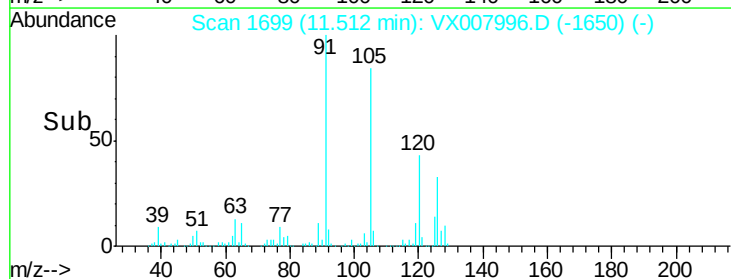
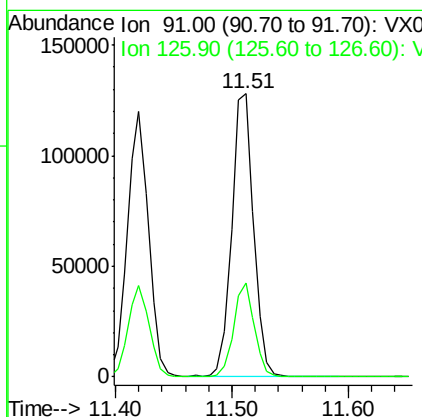
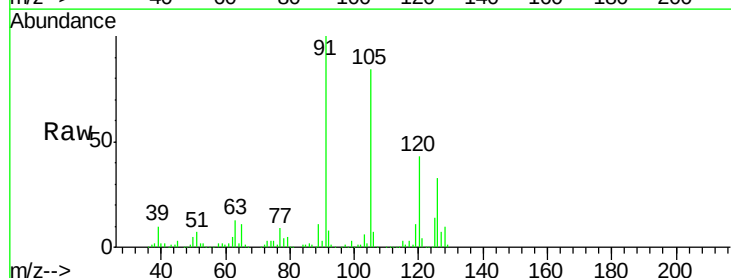
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD03

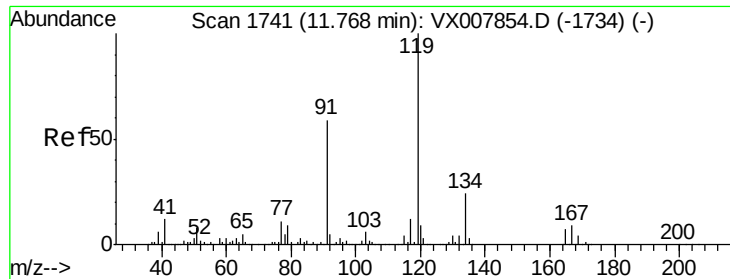
Tot Ion: 75 Resp: 17538
Ion Ratio Lower Upper
75 100
53 102.2 76.1 114.1
89 43.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 20.185 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007996.D
Acq: 12 Mar 2019 05:48

Tgt Ion: 91 Resp: 166758
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8

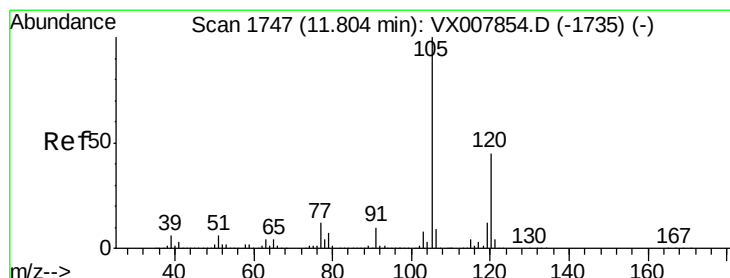
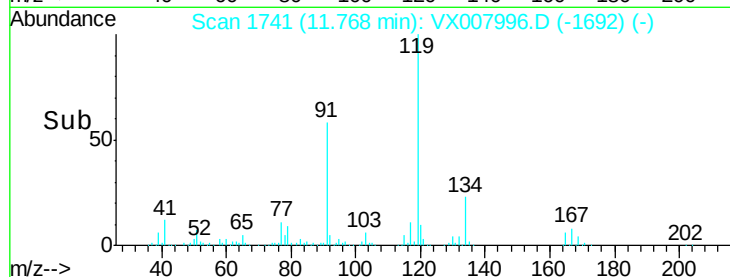
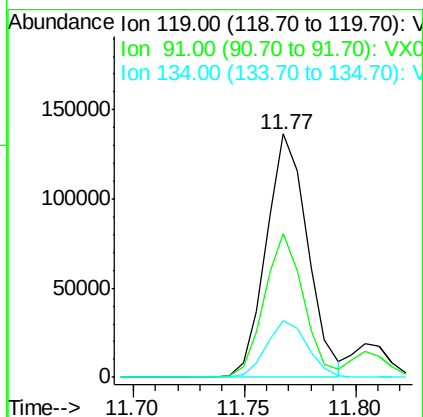
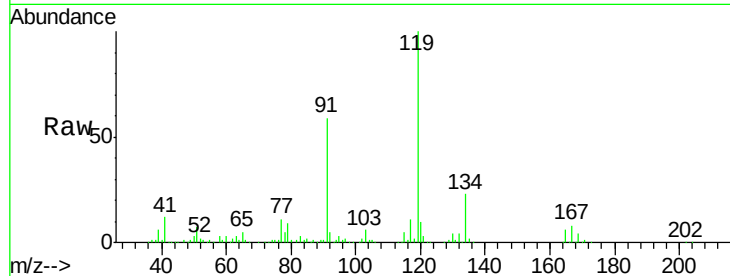




#83
 tert-Butylbenzene
 Concen: 19.989 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

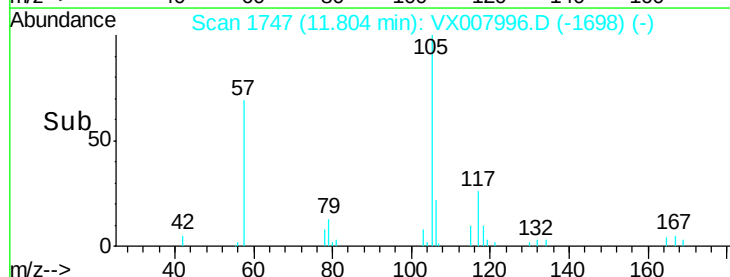
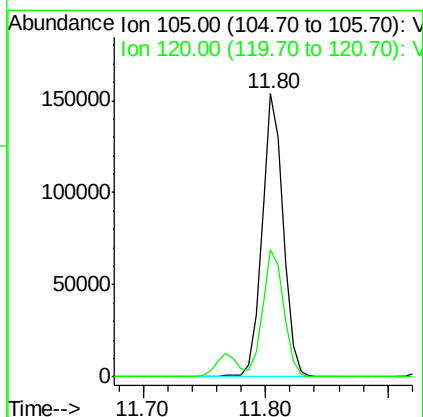
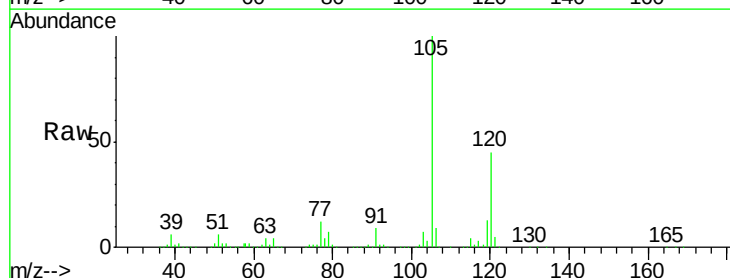
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

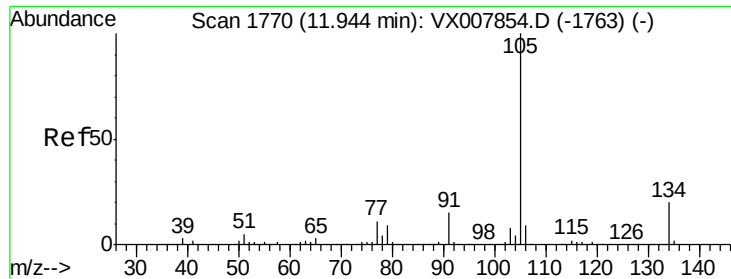
Tot Ion:119 Resp: 176128
 Ion Ratio Lower Upper
 119 100
 91 56.1 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.712 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion:105 Resp: 185732
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.714 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

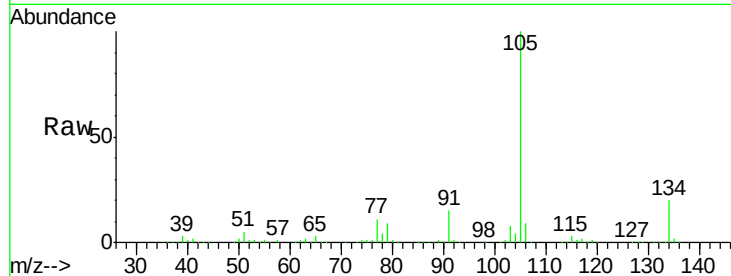
VX0311WBSD03

Tot Ion:105 Resp: 214963

Ion Ratio Lower Upper

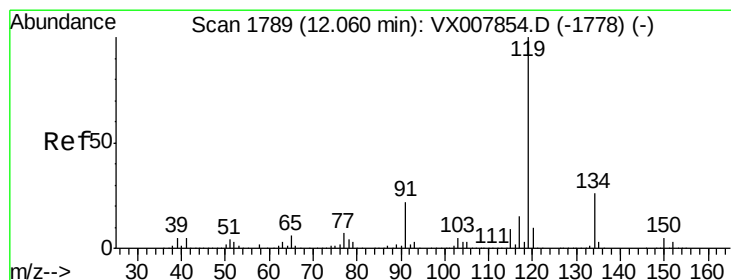
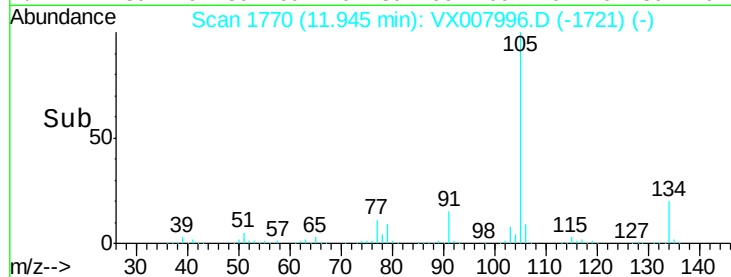
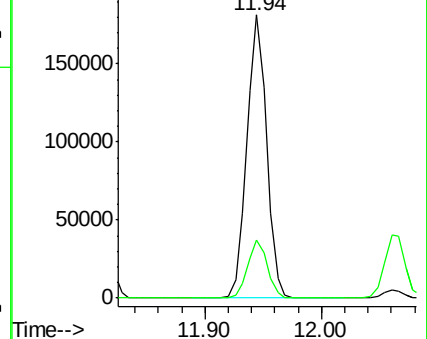
105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.614 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

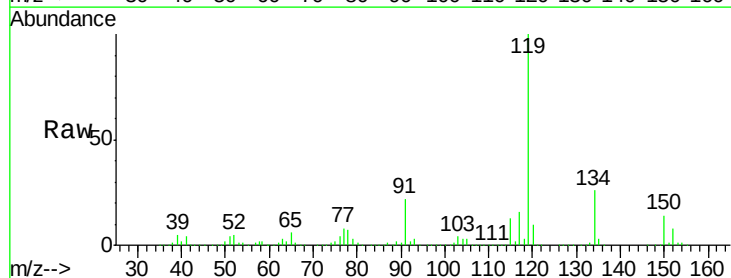
Tgt Ion:119 Resp: 191586

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

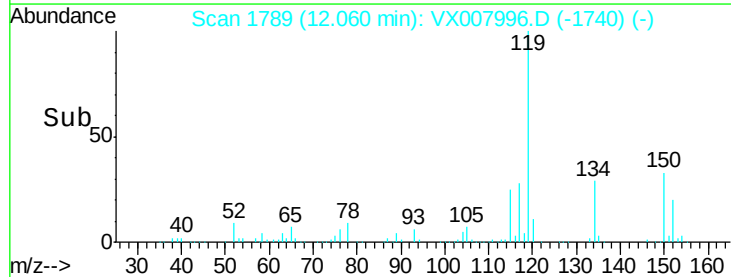
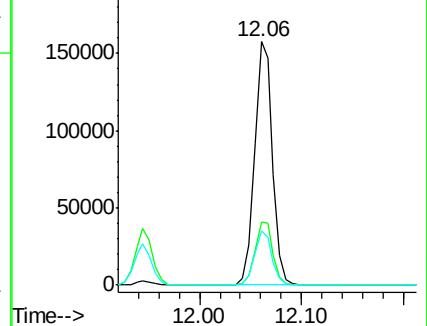
91 21.8 10.9 32.7

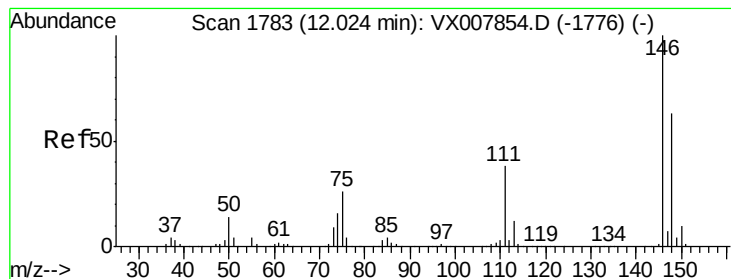


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.130 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

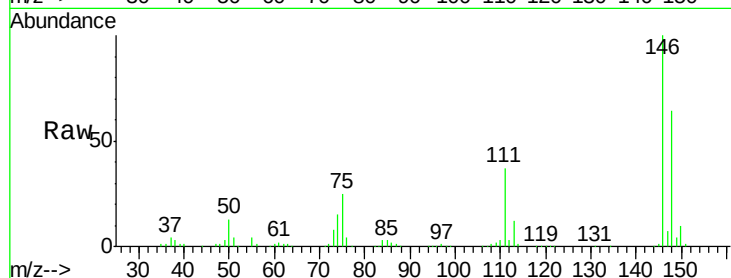
Tot Ion:146 Resp: 103772

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

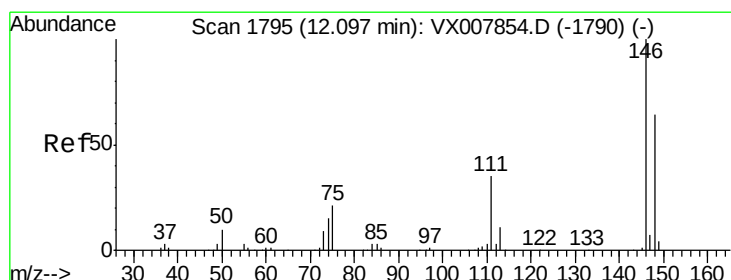
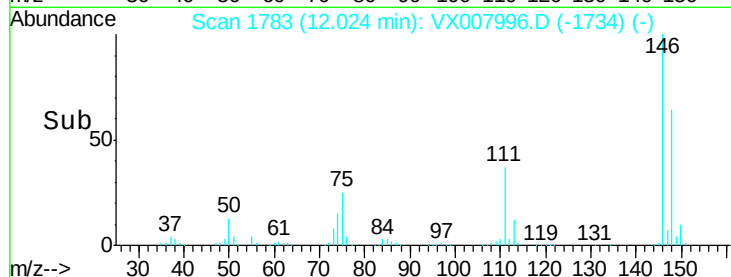
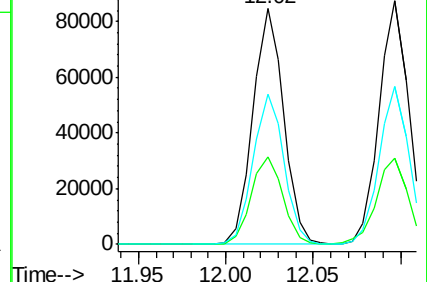
148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.627 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

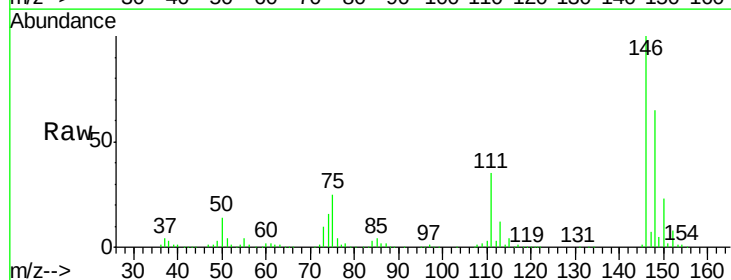
Tgt Ion:146 Resp: 103614

Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.0

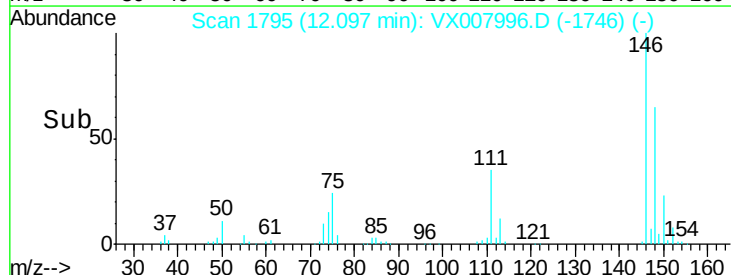
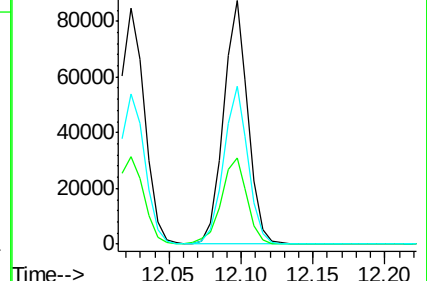
148 65.0 32.2 96.6

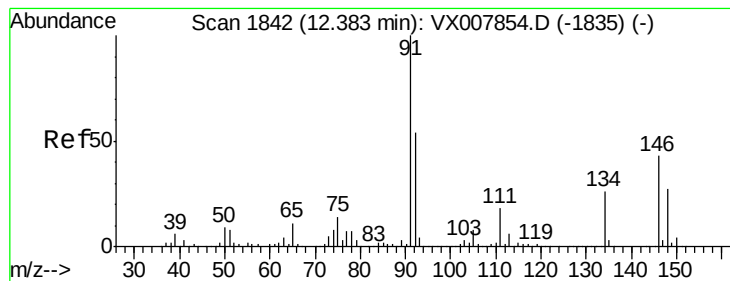


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.383 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

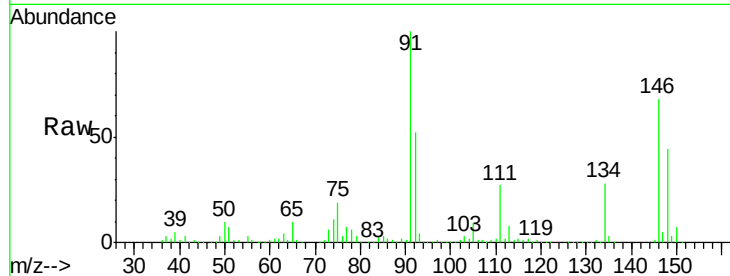
Tot Ion: 91 Resp: 152616

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

134 26.9 13.7 41.0

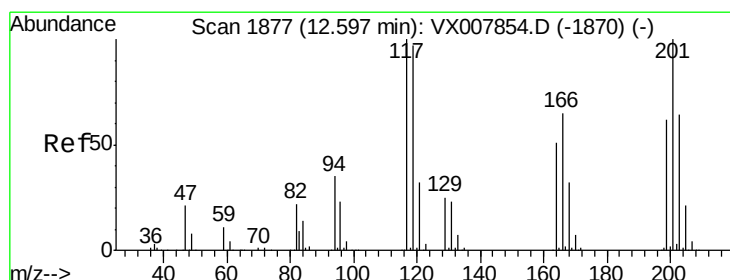
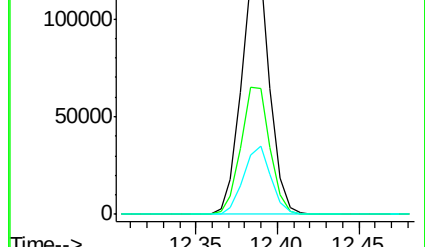
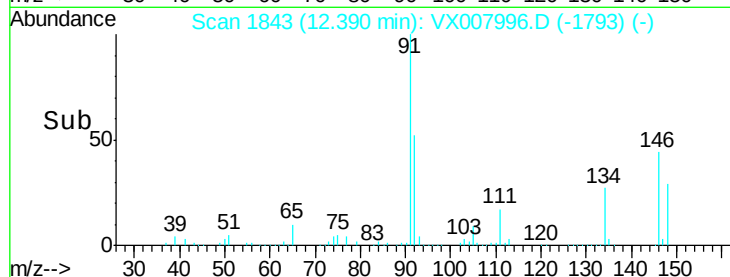


Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX007854.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX007854.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 19.817 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007996.D

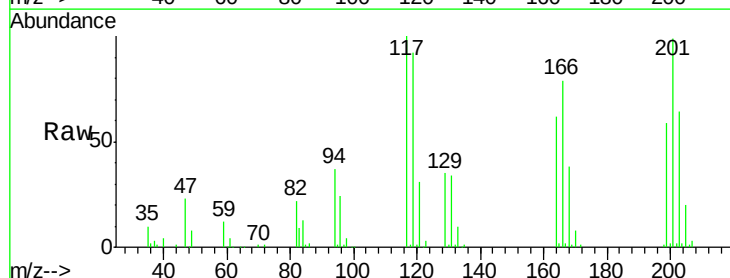
Acq: 12 Mar 2019 05:48

Tgt Ion: 117 Resp: 30793

Ion Ratio Lower Upper

117 100

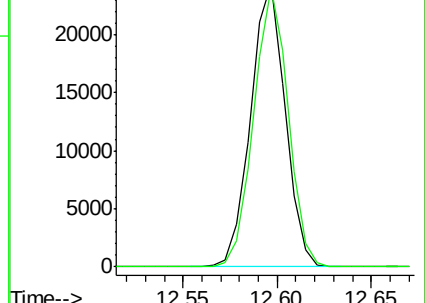
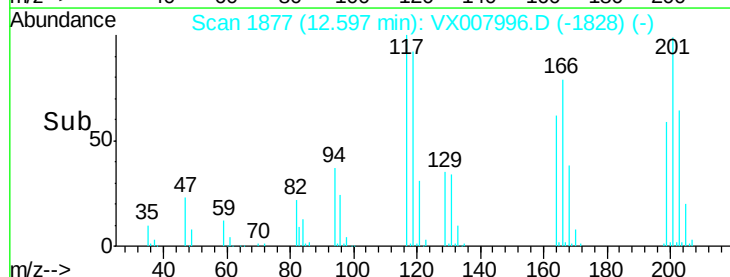
201 98.1 48.9 146.7

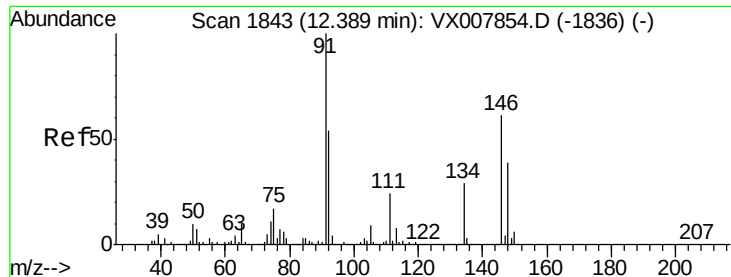


Abundance Ion 116.80 (116.50 to 117.50): VX007854.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX007854.D (-1870) (-)

Time-->

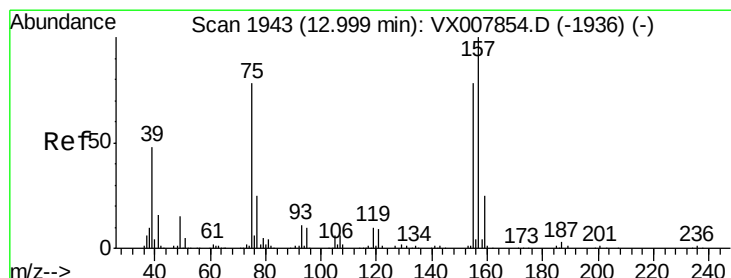
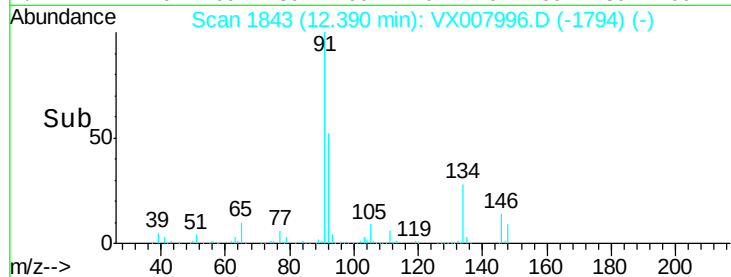
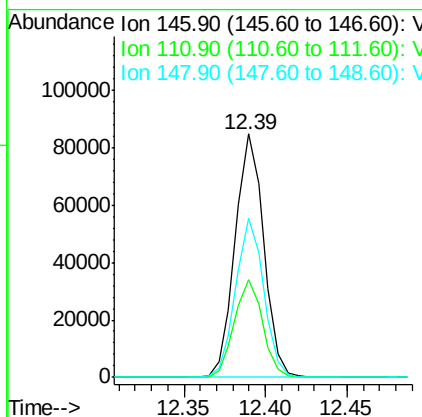
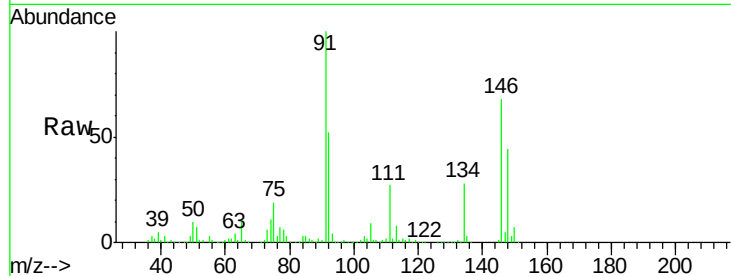




#91
 1,2-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

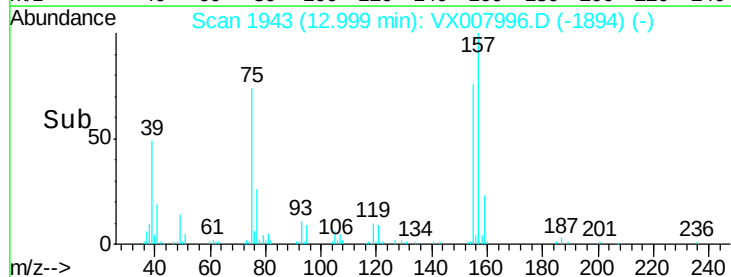
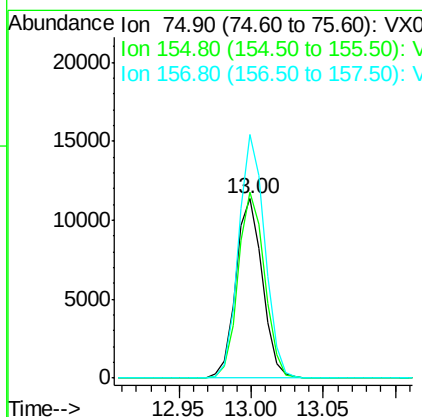
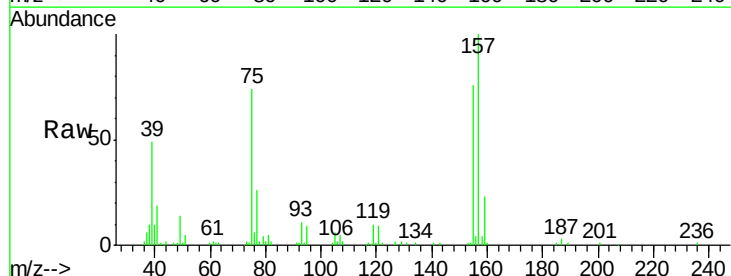
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

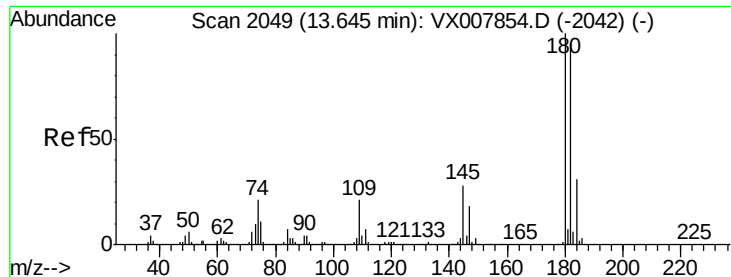
Tot Ion:146 Resp: 103875
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.8
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.229 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion: 75 Resp: 14733
 Ion Ratio Lower Upper
 75 100
 155 101.8 49.7 149.1
 157 131.8 63.8 191.4

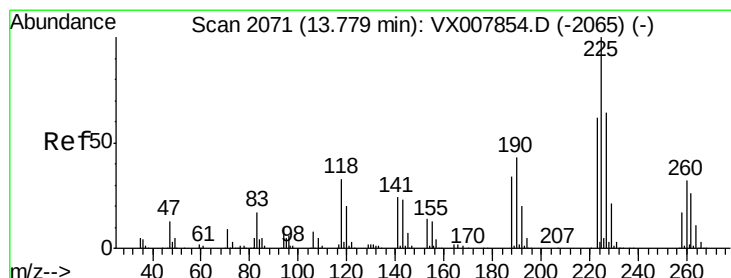
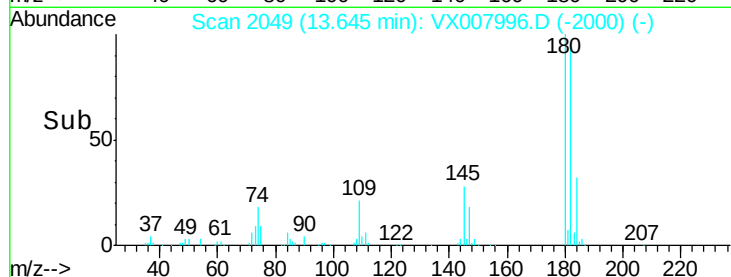
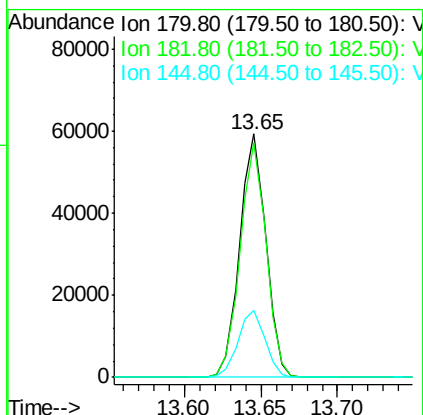
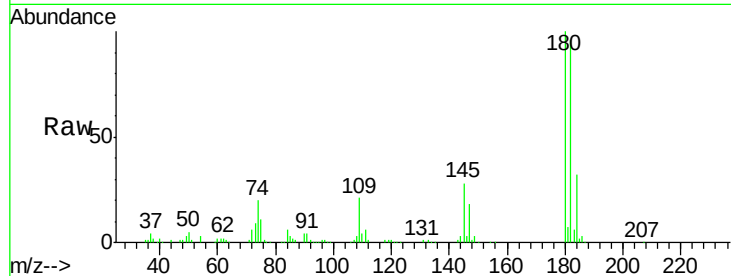




#93
 1,2,4-Trichlorobenzene
 Concen: 19.600 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

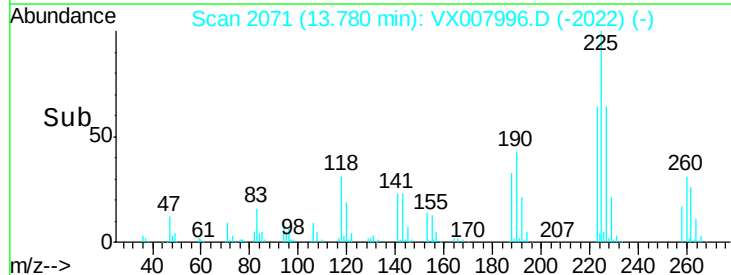
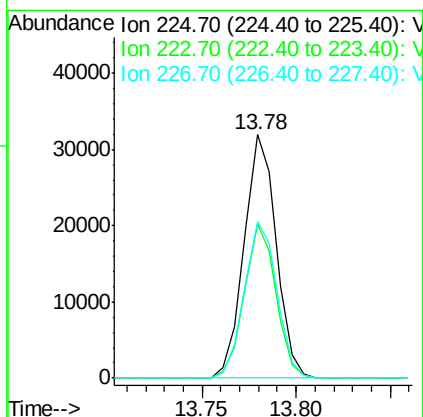
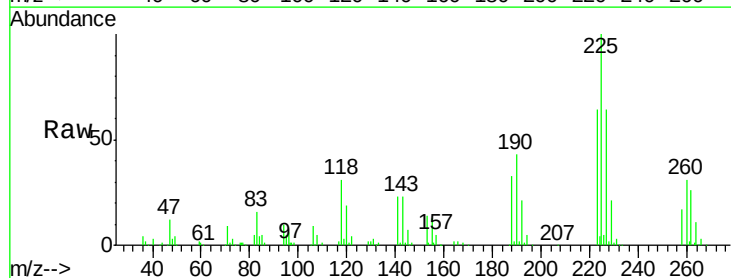
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD03

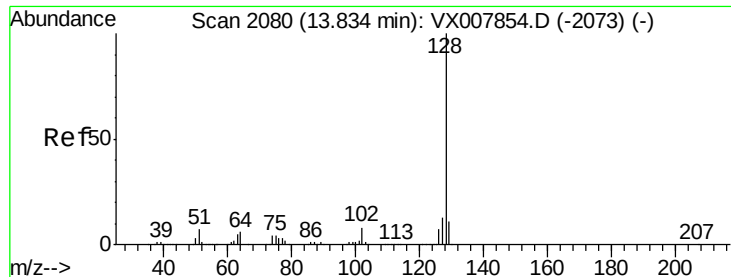
Tot Ion:180 Resp: 70514
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.7
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.101 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007996.D
 Acq: 12 Mar 2019 05:48

Tgt Ion:225 Resp: 37808
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.1 93.2
 227 65.2 32.0 96.0





#95

Naphthalene

Concen: 20.409 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD03

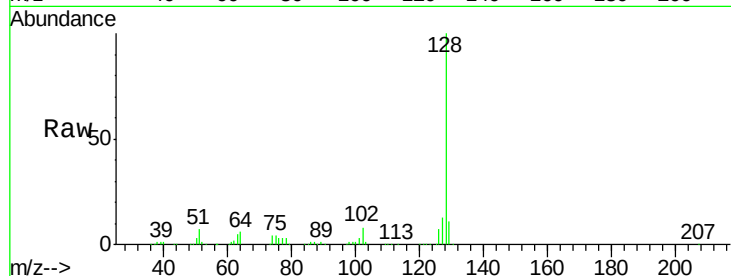
Tot Ion:128 Resp: 211554

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

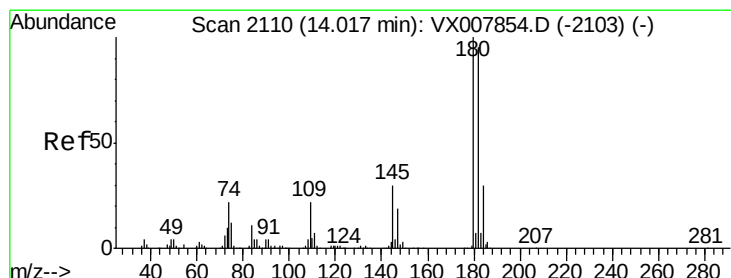
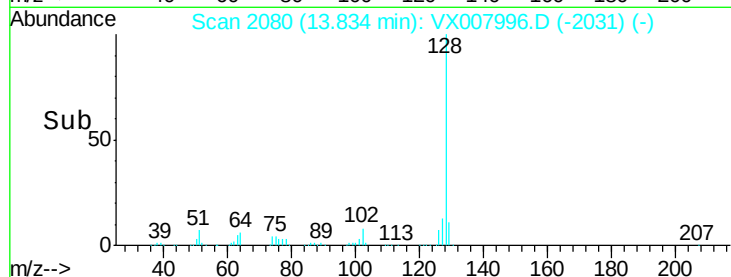
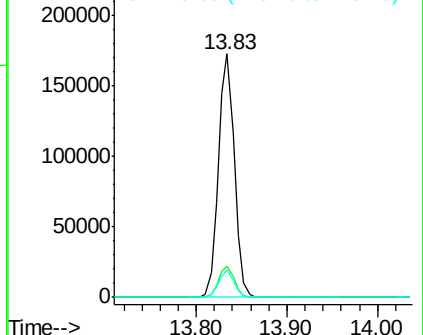
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.028 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007996.D

Acq: 12 Mar 2019 05:48

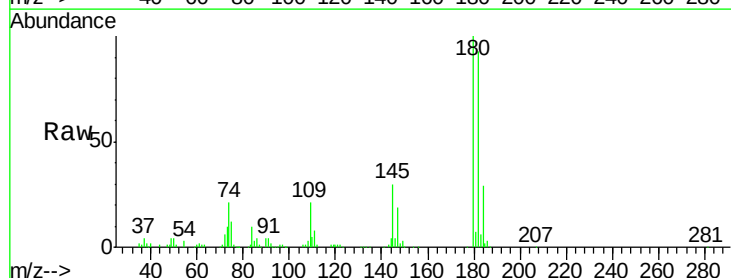
Tgt Ion:180 Resp: 71777

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 30.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

