

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010319\
 Data File : VX006893.D
 Acq On : 03 Jan 2019 14:32
 Operator : JC/MD
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Quant Time: Jan 04 00:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	804945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284545	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	258813	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.71	98	933735	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	328184	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	77667	15.800	ug/l	100
3) Chloromethane	1.33	50	86793	16.389	ug/l	100
4) Vinyl Chloride	1.41	62	99334	17.959	ug/l	100
5) Bromomethane	1.64	94	100884	18.331	ug/l	99
6) Chloroethane	1.72	64	65818	17.186	ug/l	99
7) Trichlorofluoromethane	1.93	101	166589	19.318	ug/l	96
8) Diethyl Ether	2.19	74	66283	19.352	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97695	19.295	ug/l	99
10) Methyl Iodide	2.51	142	137318	18.946	ug/l	99
11) Tert butyl alcohol	3.07	59	143286	110.864	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90069	18.761	ug/l	98
13) Acrolein	2.29	56	77904	89.351	ug/l	97
14) Allyl chloride	2.73	41	157458	19.484	ug/l	98
15) Acrylonitrile	3.15	53	311586	108.581	ug/l	99
16) Acetone	2.45	43	261948	98.452	ug/l	98
17) Carbon Disulfide	2.57	76	181330	14.272	ug/l	98
18) Methyl Acetate	2.78	43	187813	24.006	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	343504	21.557	ug/l	99
20) Methylene Chloride	2.86	84	110734	20.127	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	99755	18.753	ug/l	98
22) Diisopropyl ether	3.87	45	321637	21.756	ug/l	93
23) Vinyl Acetate	3.82	43	1259305	104.136	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175287	19.862	ug/l	99
25) 2-Butanone	4.70	43	391494	104.606	ug/l	98
26) 2,2-Dichloropropane	4.59	77	121340	17.799	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	117036	19.941	ug/l	99
28) Bromochloromethane	5.01	49	74989	19.008	ug/l	96
29) Tetrahydrofuran	5.15	42	262620	106.541	ug/l	98
30) Chloroform	5.21	83	184452	20.183	ug/l	96
31) Cyclohexane	5.58	56	142016	17.713	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	152382	19.746	ug/l	98
36) 1,1-Dichloropropene	5.80	75	126693	19.004	ug/l	100
37) Ethyl Acetate	4.85	43	150332	21.665	ug/l	98
38) Carbon Tetrachloride	5.79	117	127551	19.687	ug/l	94

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 Data File : VX006893.D
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 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0103WBSD01

Quant Time: Jan 04 00:20:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151681	17.282	ug/l	98
40) Benzene	6.14	78	404799	19.975	ug/l	99
41) Methacrylonitrile	5.06	41	82023	22.265	ug/l	97
42) 1,2-Dichloroethane	6.20	62	142837	20.685	ug/l	100
43) Isopropyl Acetate	6.46	43	232297	22.002	ug/l	99
44) Trichloroethene	7.21	130	120690	19.677	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104021	21.093	ug/l	98
46) Dibromomethane	7.66	93	72686	20.038	ug/l	97
47) Bromodichloromethane	7.90	83	124095	20.606	ug/l	96
48) Methyl methacrylate	7.77	41	117928	21.965	ug/l	97
49) 1,4-Dioxane	7.75	88	58893	407.457	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	752589	112.031	ug/l	100
52) Toluene	8.78	92	260945	19.932	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	128647	19.918	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146615	20.688	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115278	21.512	ug/l	98
56) Ethyl methacrylate	9.18	69	161835	21.367	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180557	20.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	417985	103.820	ug/l	99
59) 2-Hexanone	9.49	43	569432	110.789	ug/l	98
60) Dibromochloromethane	9.59	129	105208	20.223	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117343	20.599	ug/l	97
64) Tetrachloroethene	9.34	164	119435	20.835	ug/l	99
65) Chlorobenzene	10.14	112	304403	19.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106415	22.271	ug/l	99
67) Ethyl Benzene	10.25	91	493315	19.712	ug/l	99
68) m/p-Xylenes	10.36	106	386789	39.168	ug/l	100
69) o-Xylene	10.70	106	192055	19.695	ug/l	98
70) Styrene	10.71	104	312126	20.232	ug/l	100
71) Bromoform	10.86	173	74251	20.151	ug/l	98
73) Isopropylbenzene	11.02	105	504311	20.066	ug/l	100
74) N-amyl acetate	10.90	43	202428	22.502	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163417	21.864	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	182073	26.669	ug/l	90
77) Bromobenzene	11.26	156	138011	20.312	ug/l	99
78) n-propylbenzene	11.36	91	557837	20.156	ug/l	99
79) 2-Chlorotoluene	11.42	91	332223	19.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410886	19.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37160	19.394	ug/l	92
82) 4-Chlorotoluene	11.51	91	383259	19.922	ug/l	99
83) tert-Butylbenzene	11.77	119	408973	19.740	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	426801	19.602	ug/l	100
85) sec-Butylbenzene	11.94	105	496354	19.540	ug/l	99
86) p-Isopropyltoluene	12.06	119	445517	19.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239251	19.538	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	243404	19.389	ug/l	100
89) n-Butylbenzene	12.39	91	363622	19.135	ug/l	99
90) Hexachloroethane	12.60	117	60425	19.445	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	246777	20.145	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31817	20.573	ug/l	98

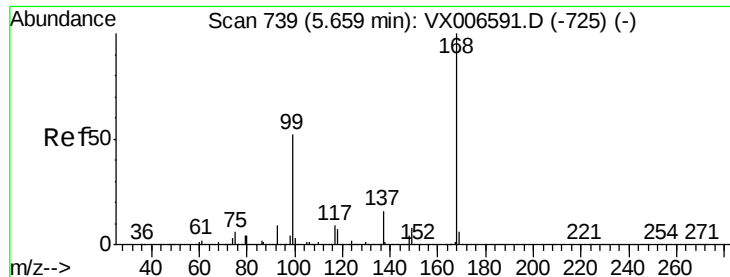
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010319\
Data File : VX006893.D
Acq On : 03 Jan 2019 14:32
Operator : JC/MD
Sample : VX0103WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Quant Time: Jan 04 00:20:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160094	18.946	ug/l	99
94) Hexachlorobutadiene	13.78	225	70804	17.777	ug/l	98
95) Naphthalene	13.83	128	510255	18.920	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164979	18.910	ug/l	97

(#) = 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. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

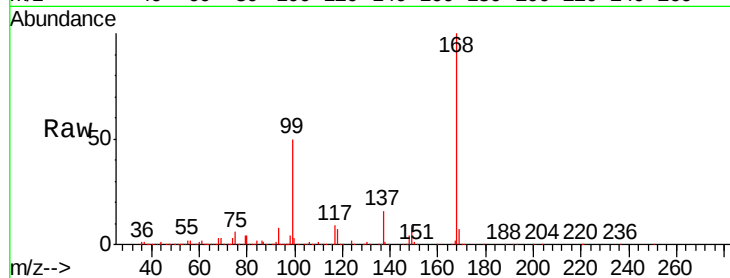
VX0103WBSD01

Tgt Ion:168 Resp: 537341

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

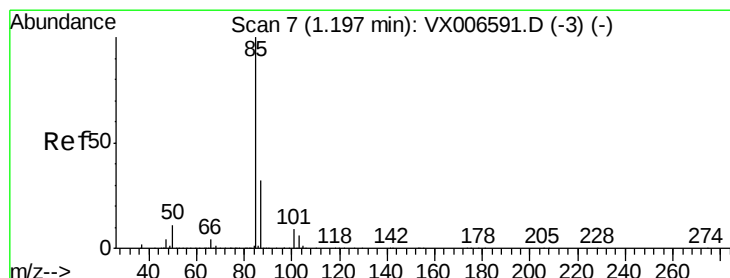
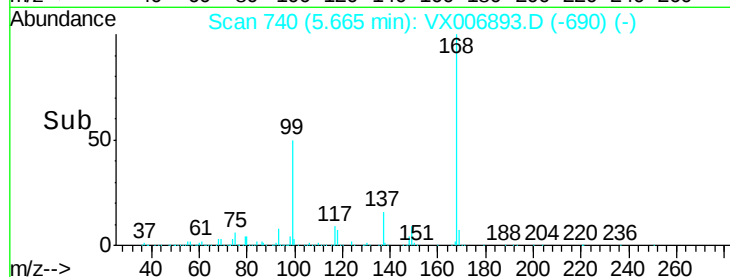
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.800 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006893.D

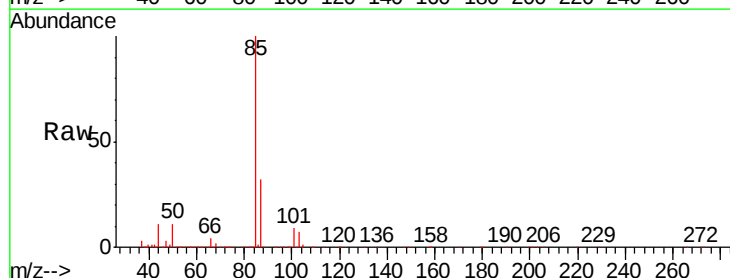
Acq: 03 Jan 2019 14:32

Tgt Ion: 85 Resp: 77667

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

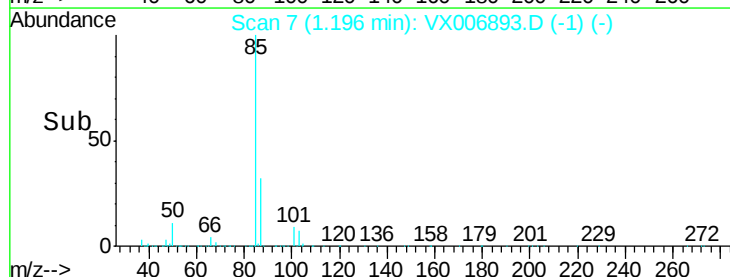
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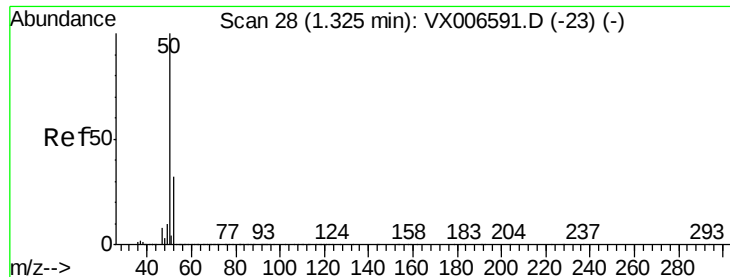
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.389 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

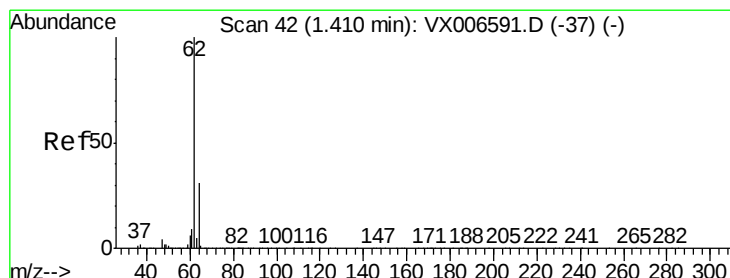
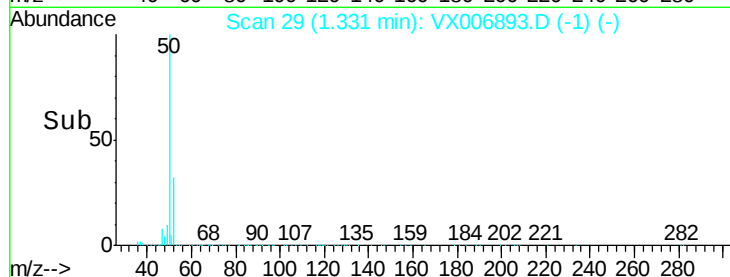
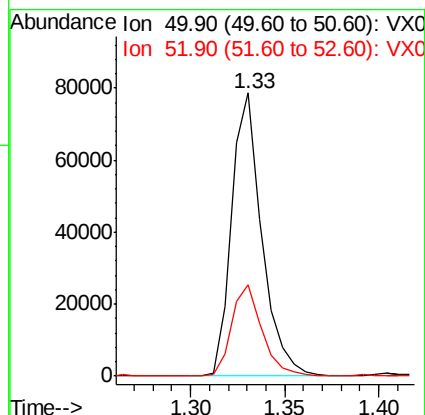
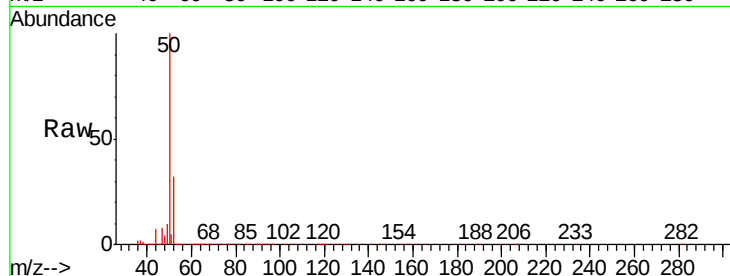
VX0103WBSD01

Tgt Ion: 50 Resp: 86793

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.959 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006893.D

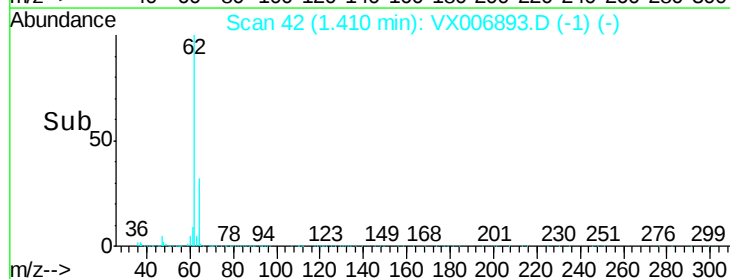
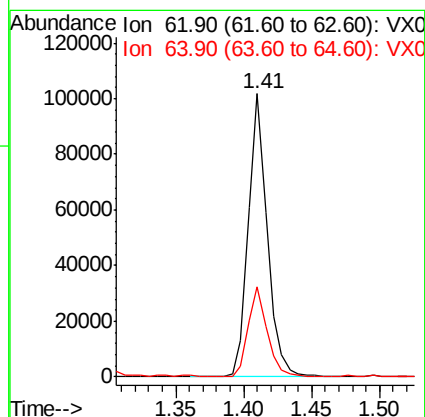
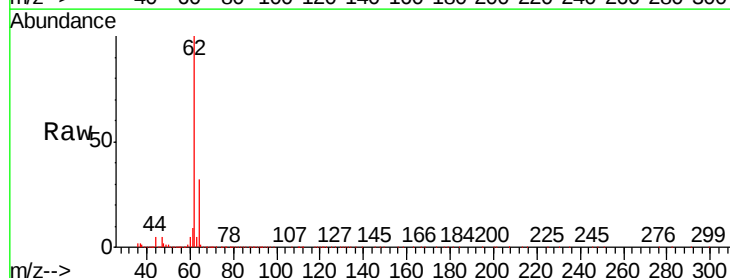
Acq: 03 Jan 2019 14:32

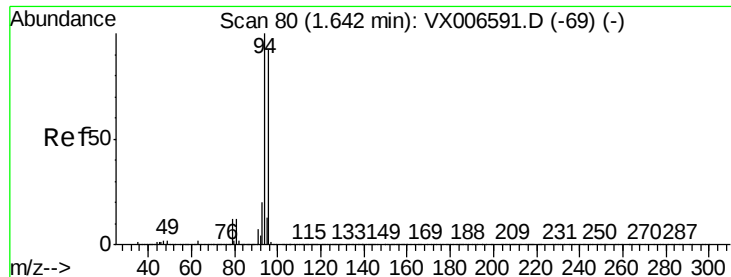
Tgt Ion: 62 Resp: 99334

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 18.331 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

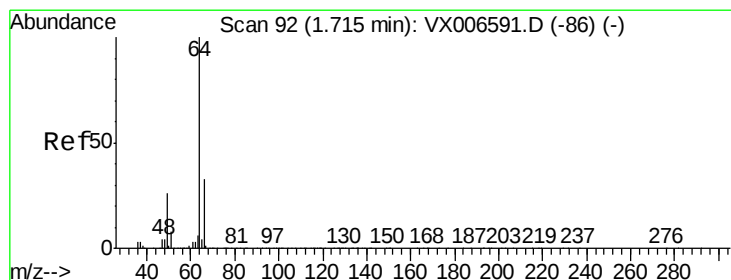
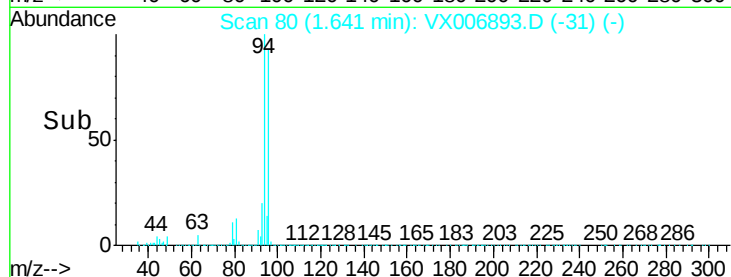
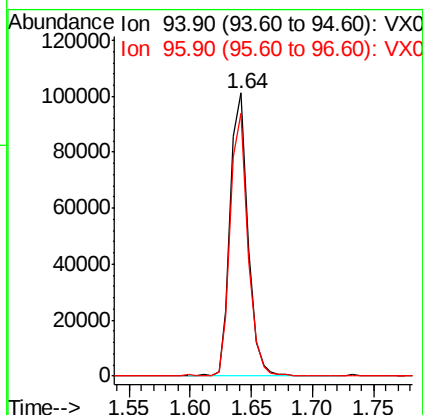
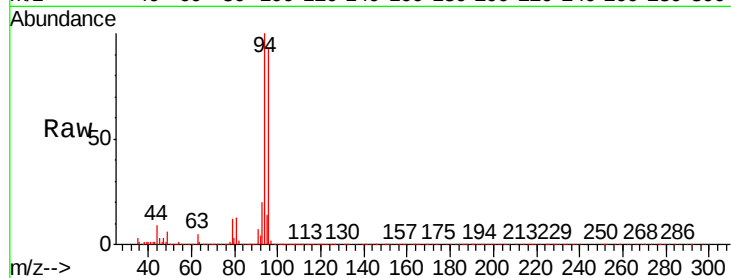
VX0103WBSD01

Tgt Ion: 94 Resp: 100884

Ion Ratio Lower Upper

94 100

96 92.9 73.4 110.2



#6

Chloroethane

Concen: 17.186 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006893.D

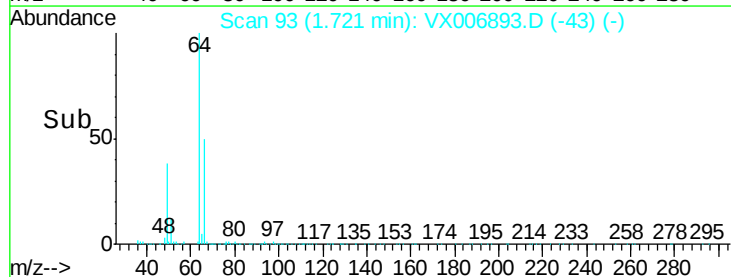
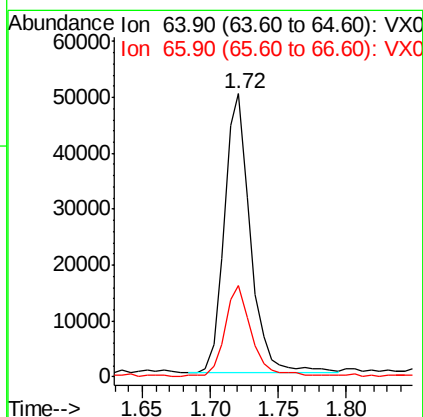
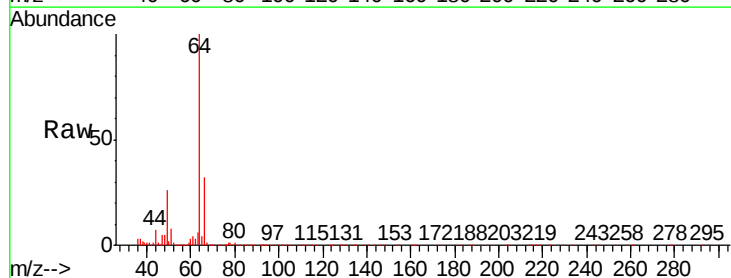
Acq: 03 Jan 2019 14:32

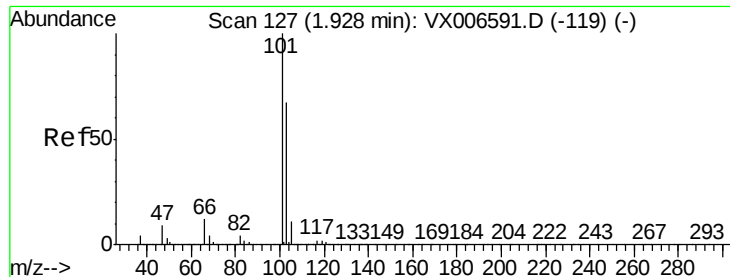
Tgt Ion: 64 Resp: 65818

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6



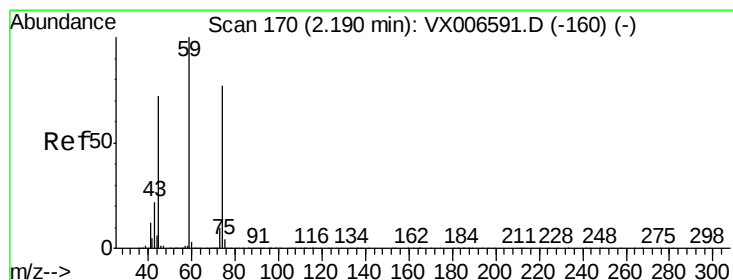
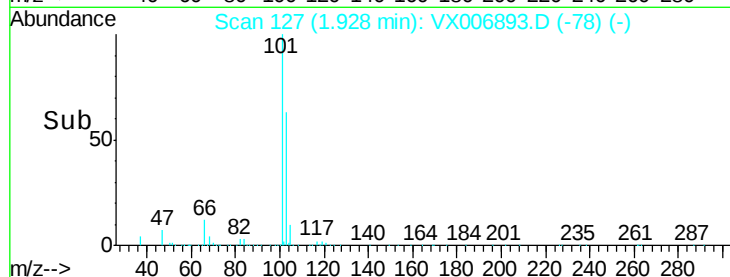
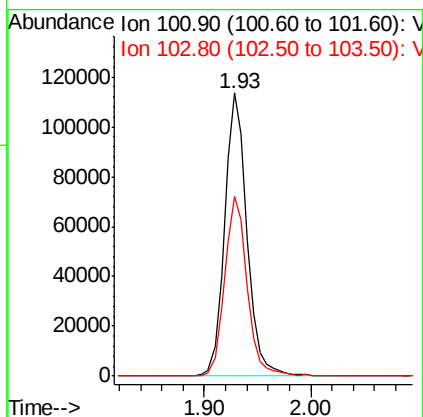
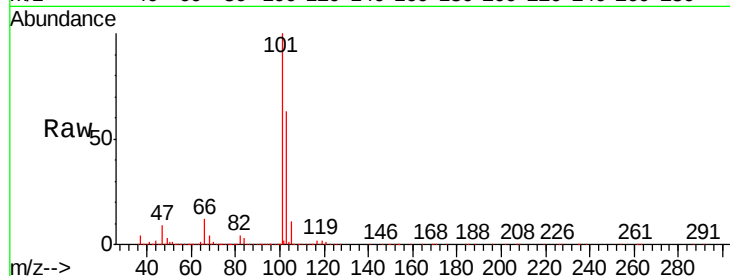


#7

Trichlorofluoromethane
Concen: 19.318 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

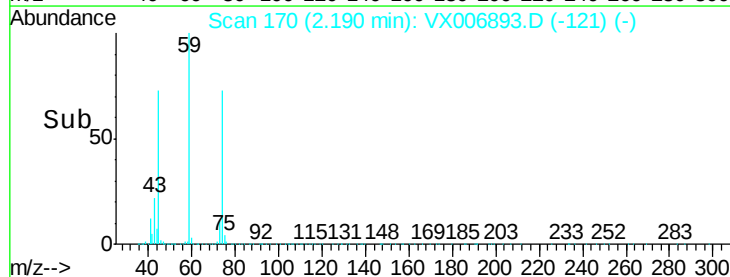
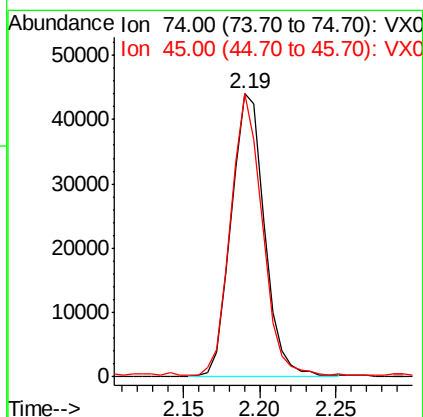
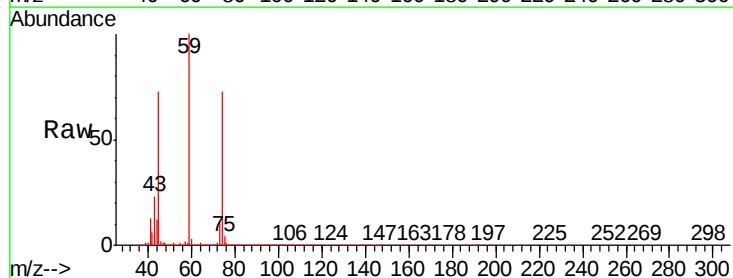
Tgt Ion:101 Resp: 166589
Ion Ratio Lower Upper
101 100
103 63.3 53.2 79.8

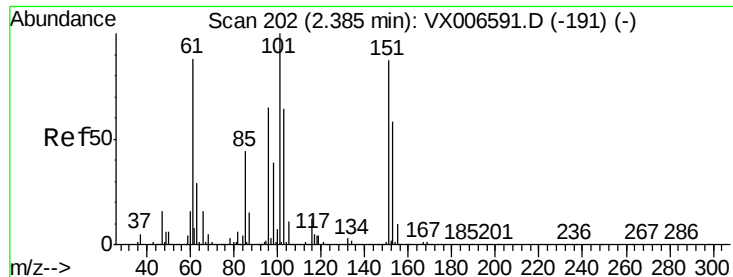


#8

Diethyl Ether
Concen: 19.352 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 74 Resp: 66283
Ion Ratio Lower Upper
74 100
45 94.9 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.295 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

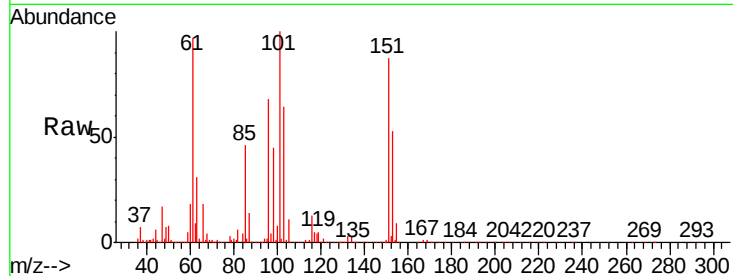
Tgt Ion:101 Resp: 97695

Ion Ratio Lower Upper

101 100

85 44.7 35.1 52.7

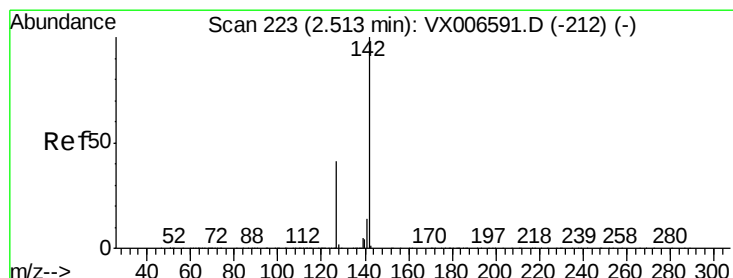
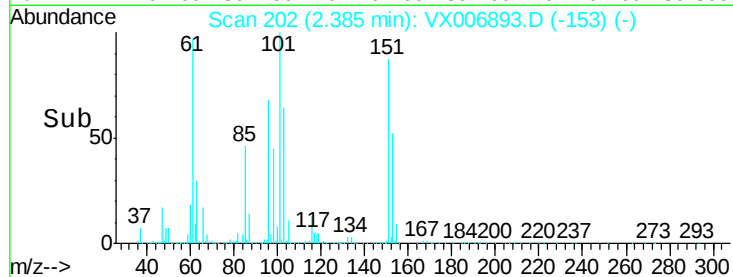
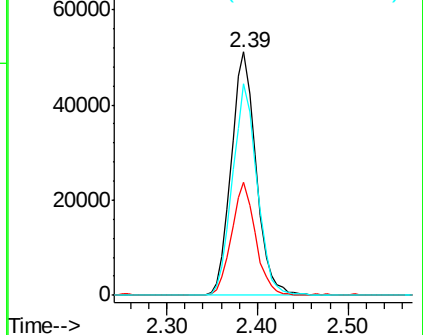
151 85.7 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.946 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

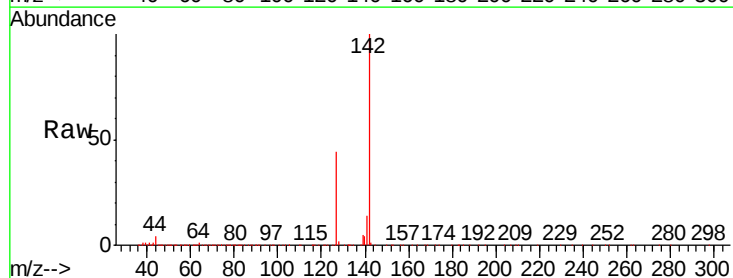
Tgt Ion:142 Resp: 137318

Ion Ratio Lower Upper

142 100

127 42.5 33.9 50.9

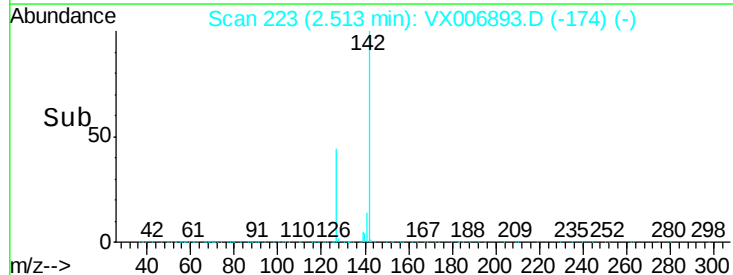
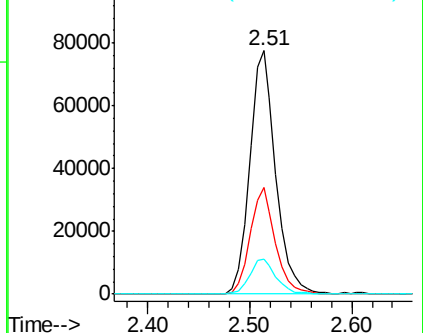
141 14.9 11.4 17.0

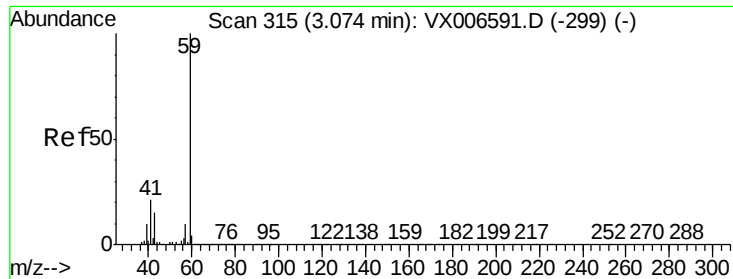


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



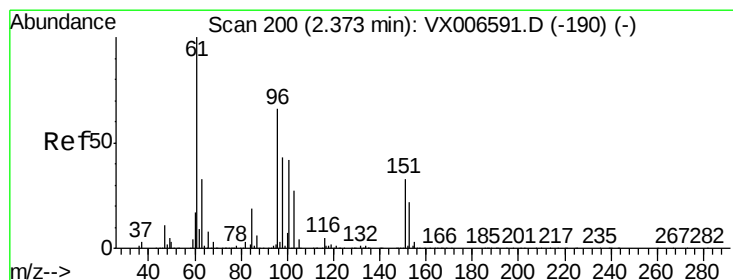
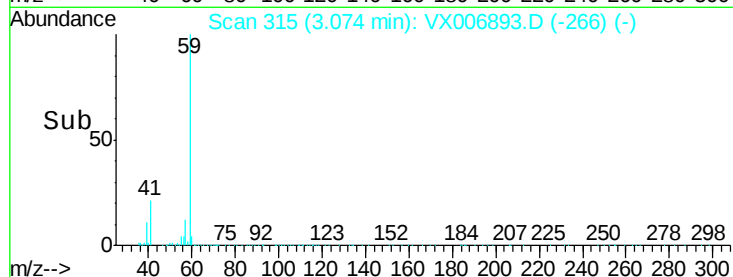
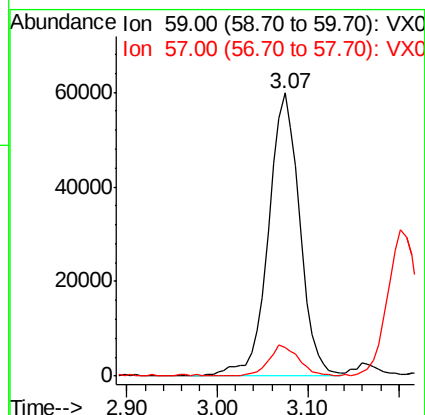
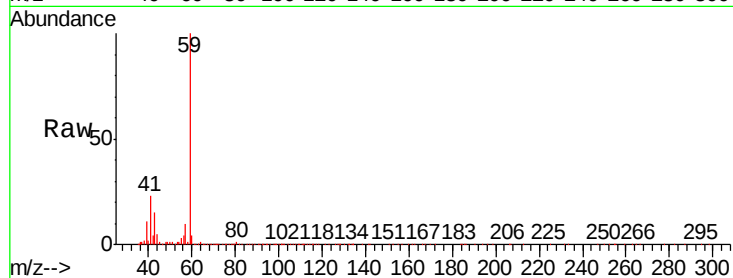


#11

Tert butyl alcohol
 Concen: 110.864 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

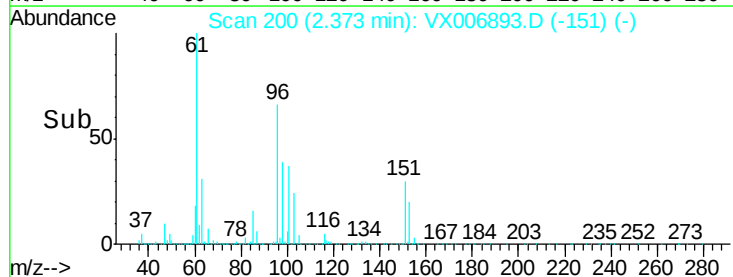
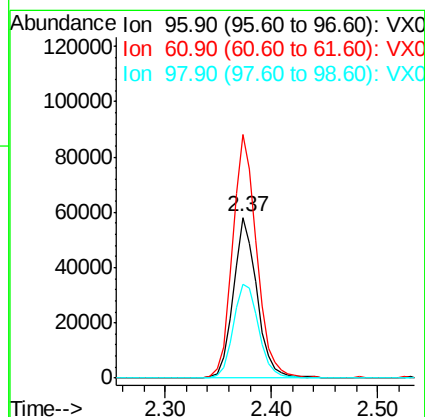
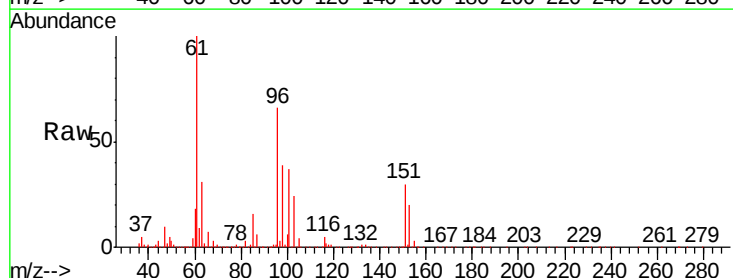
Tgt Ion: 59 Resp: 143286
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

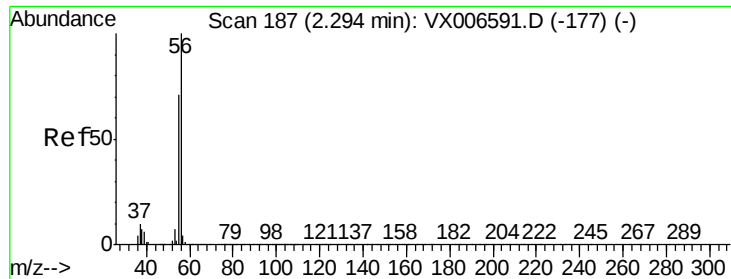


#12

1,1-Dichloroethene
 Concen: 18.761 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion: 96 Resp: 90069
 Ion Ratio Lower Upper
 96 100
 61 151.7 121.4 182.2
 98 58.9 51.9 77.9





#13

Acrolein

Concen: 89.351 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

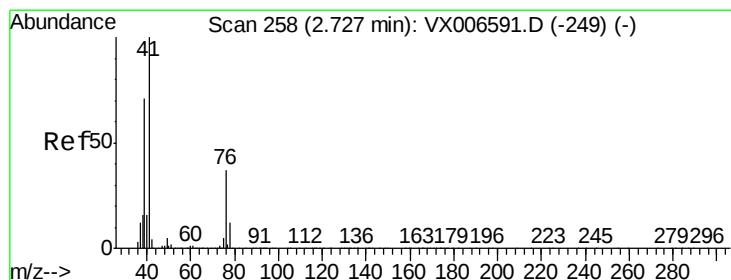
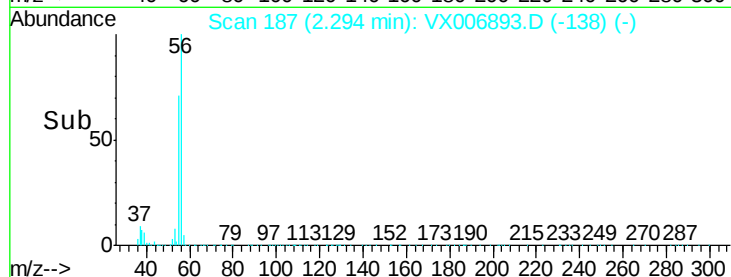
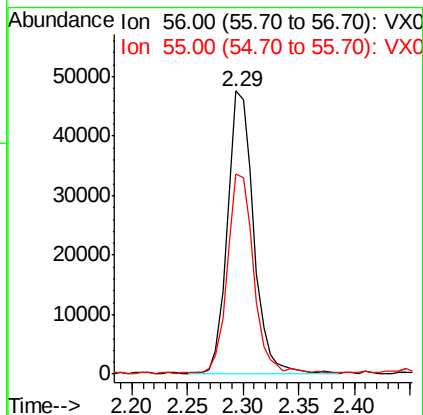
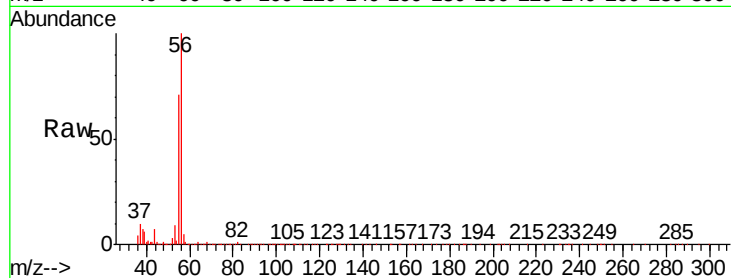
VX0103WBSD01

Tgt Ion: 56 Resp: 77904

Ion Ratio Lower Upper

56 100

55 70.2 58.2 87.4



#14

Allyl chloride

Concen: 19.484 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

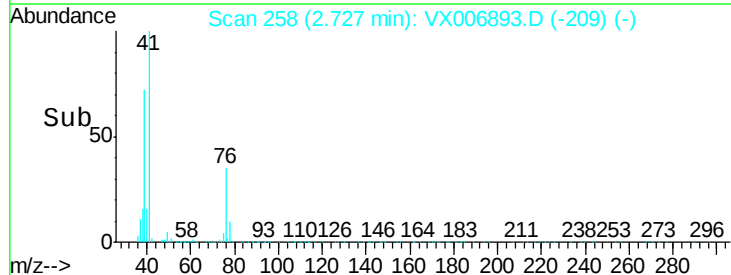
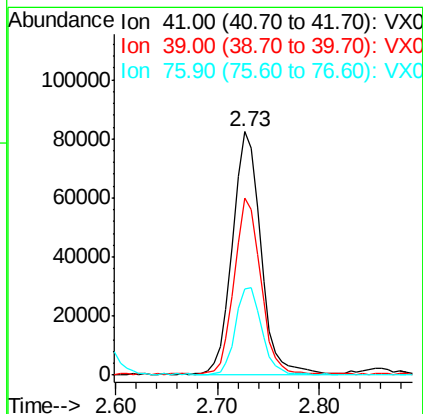
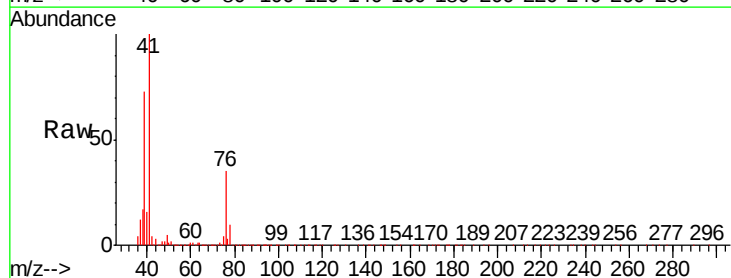
Tgt Ion: 41 Resp: 157458

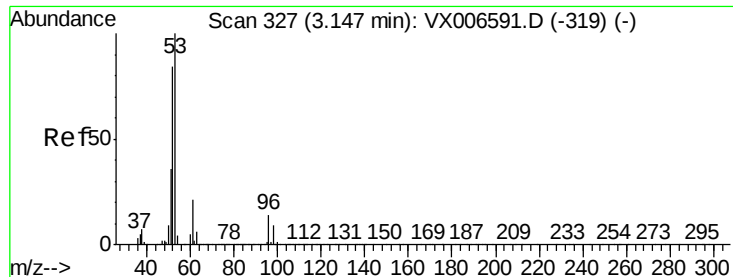
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 108.581 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

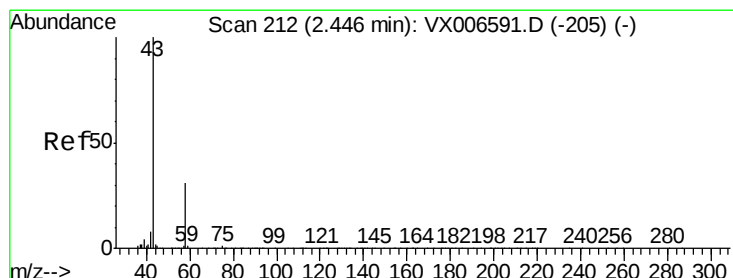
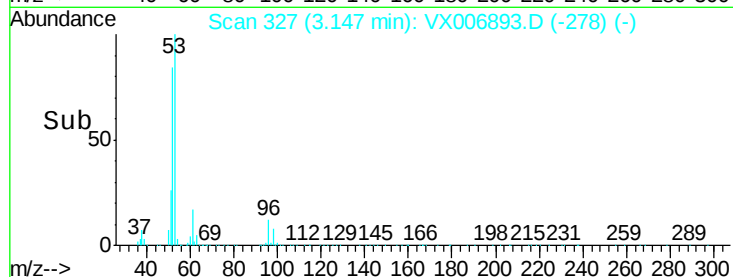
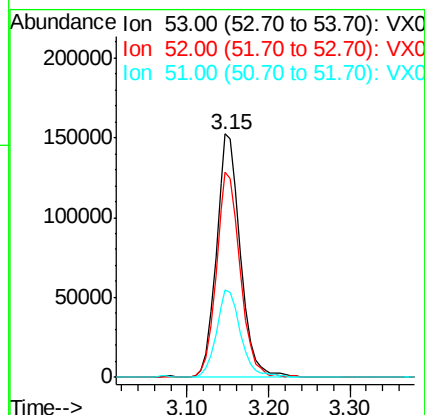
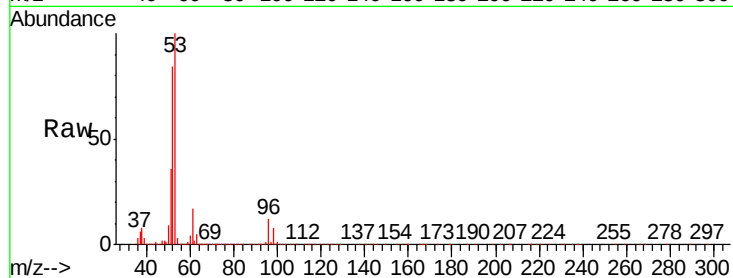
Tgt Ion: 53 Resp: 311586

Ion Ratio Lower Upper

53 100

52 83.8 66.0 99.0

51 36.1 28.6 42.8



#16

Acetone

Concen: 98.452 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006893.D

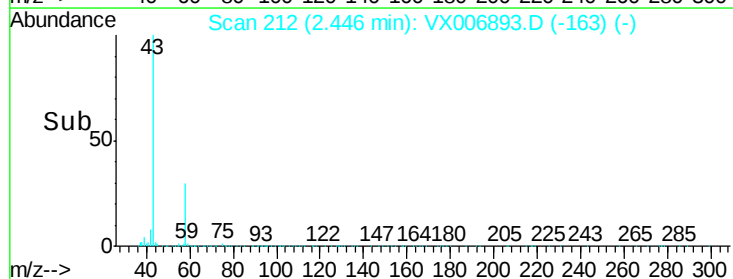
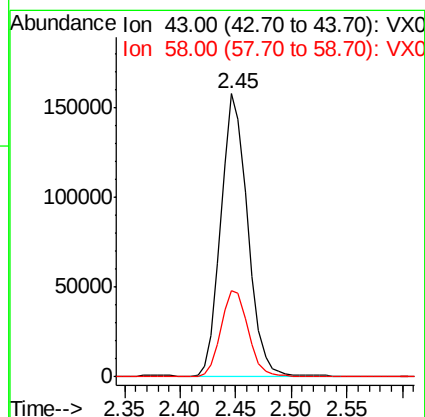
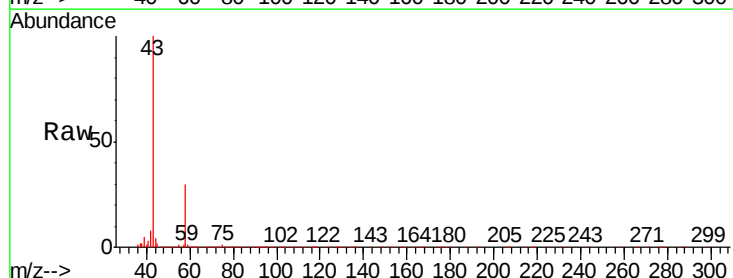
Acq: 03 Jan 2019 14:32

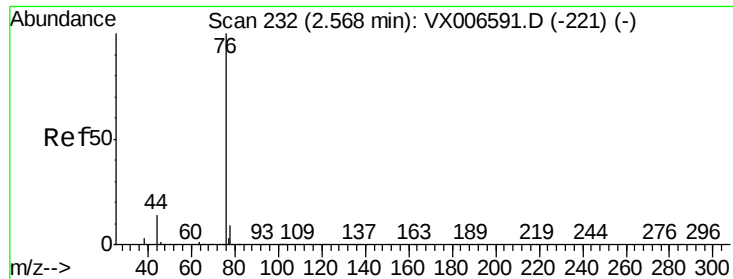
Tgt Ion: 43 Resp: 261948

Ion Ratio Lower Upper

43 100

58 30.4 25.0 37.6





#17

Carbon Disulfide

Concen: 14.272 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

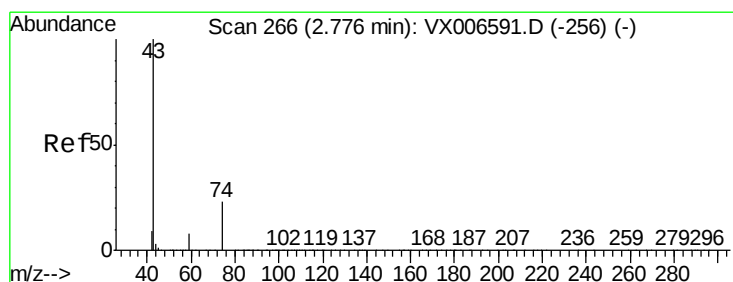
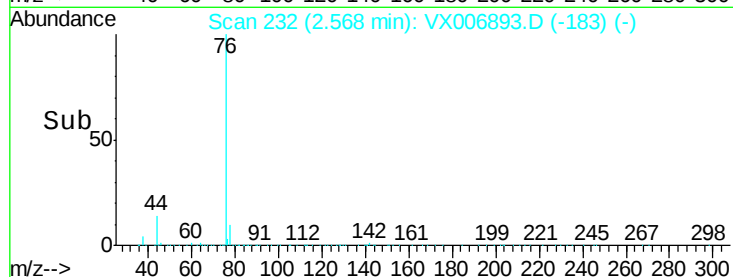
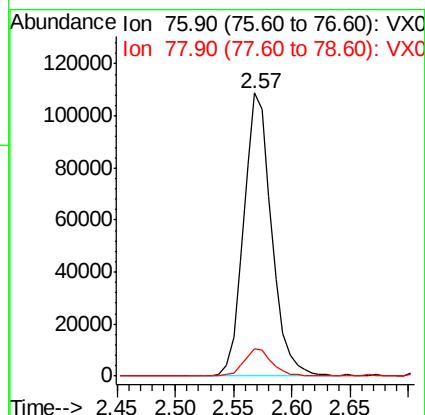
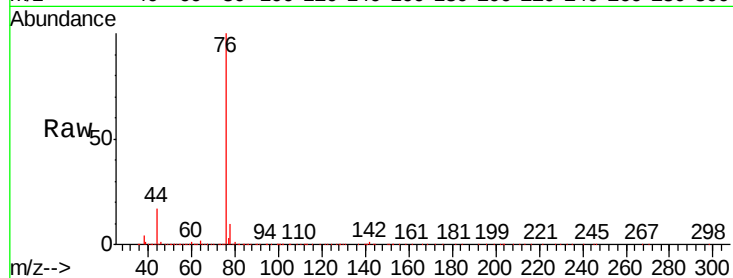
VX0103WBSD01

Tgt Ion: 76 Resp: 181330

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 24.006 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006893.D

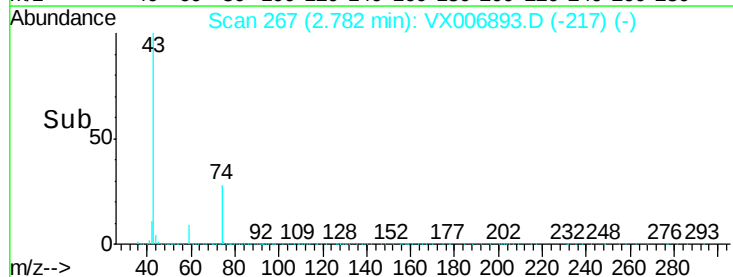
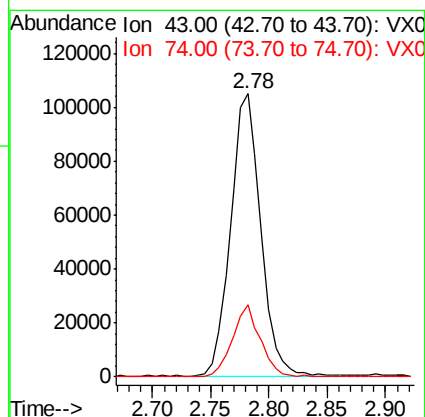
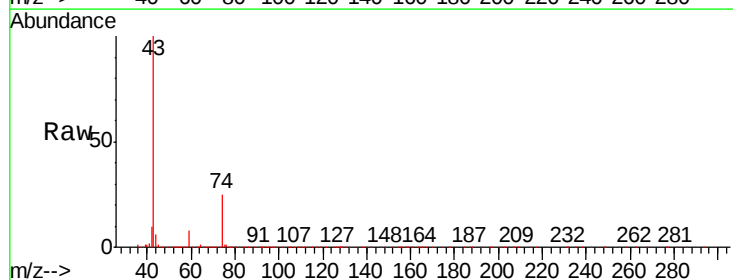
Acq: 03 Jan 2019 14:32

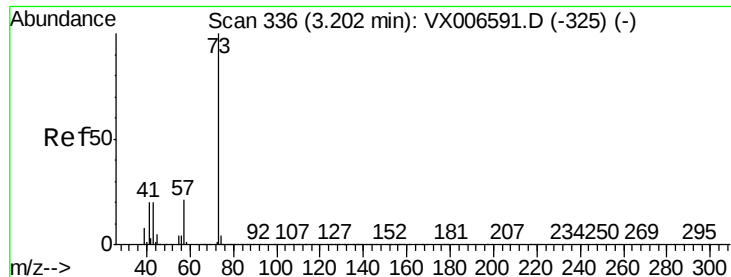
Tgt Ion: 43 Resp: 187813

Ion Ratio Lower Upper

43 100

74 23.5 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 21.557 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

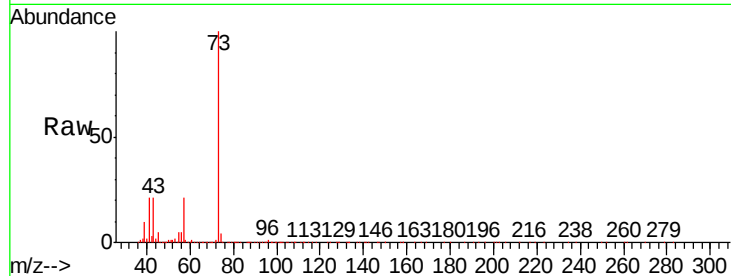
VX0103WBSD01

Tgt Ion: 73 Resp: 343504

Ion Ratio Lower Upper

73 100

57 20.3 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

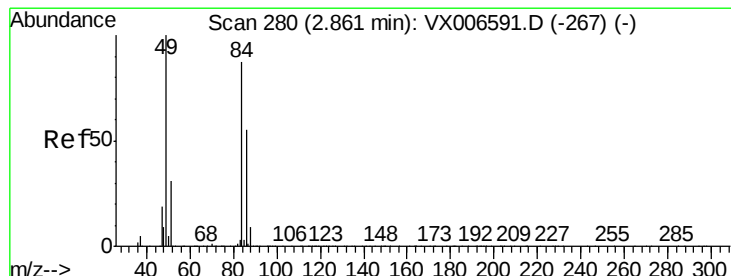
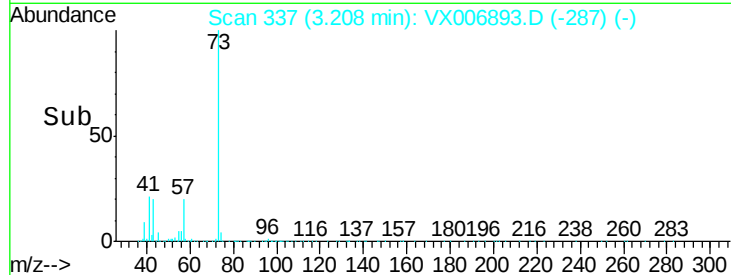
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 20.127 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion: 84 Resp: 110734

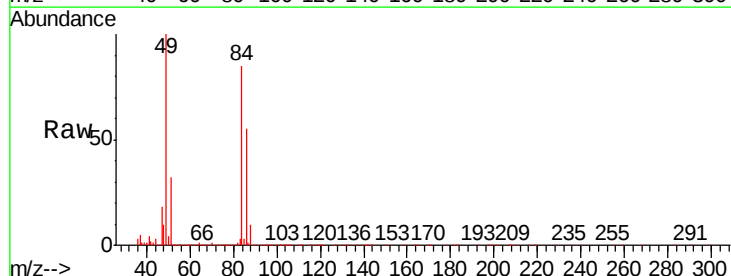
Ion Ratio Lower Upper

84 100

49 117.5 91.8 137.6

51 37.5 28.5 42.7

86 65.3 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

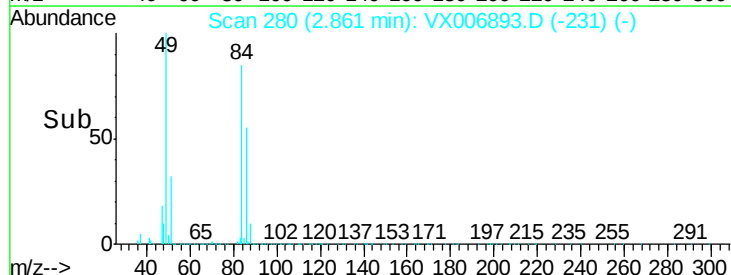
40000

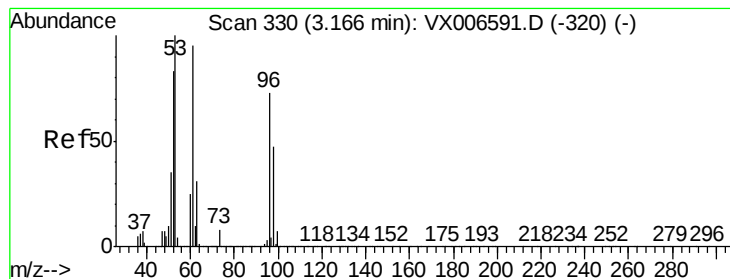
20000

0

2.70 2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

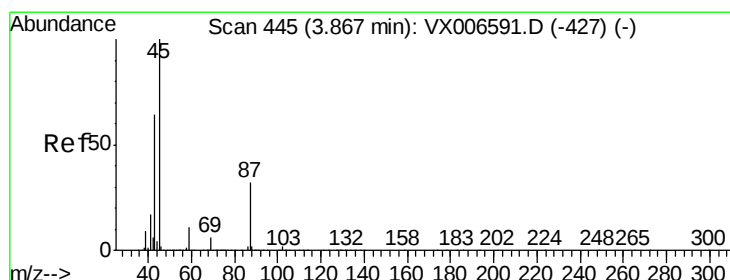
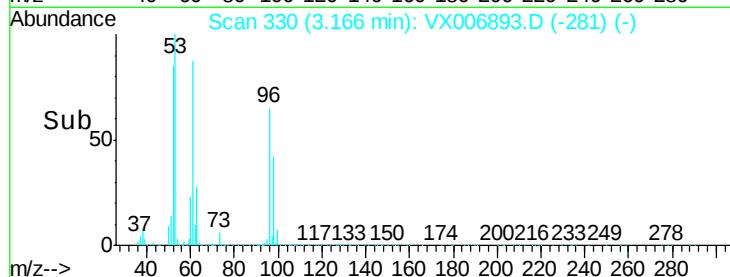
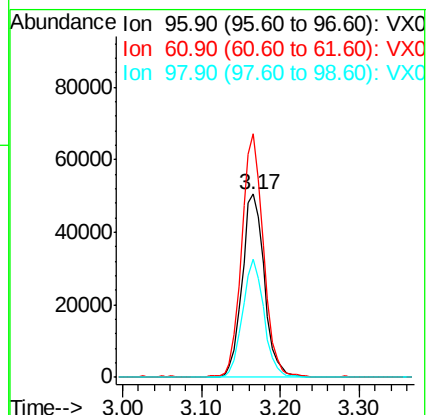
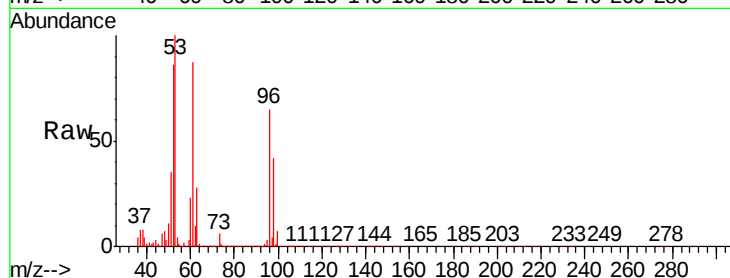
Tgt Ion: 96 Resp: 99755

Ion Ratio Lower Upper

96 100

61 132.5 103.7 155.5

98 64.0 51.0 76.6



#22

Diisopropyl ether

Concen: 21.756 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion: 45 Resp: 321637

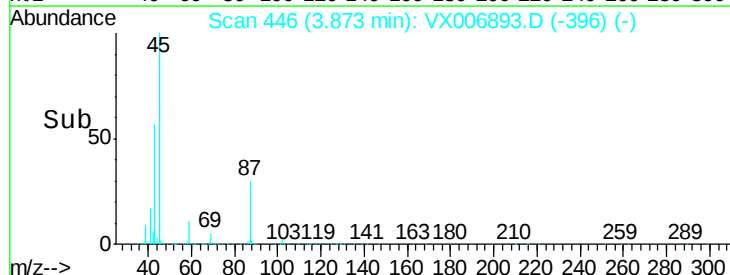
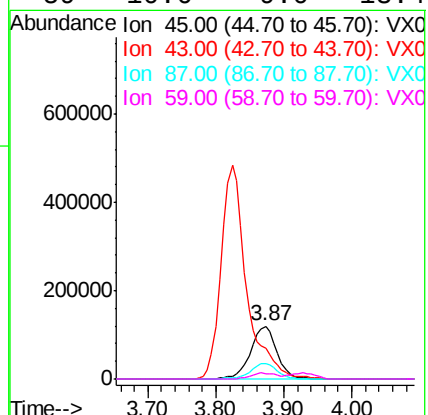
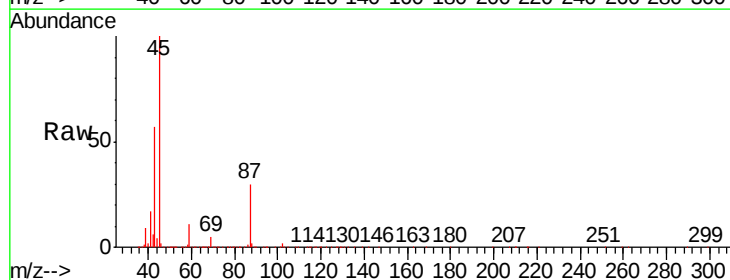
Ion Ratio Lower Upper

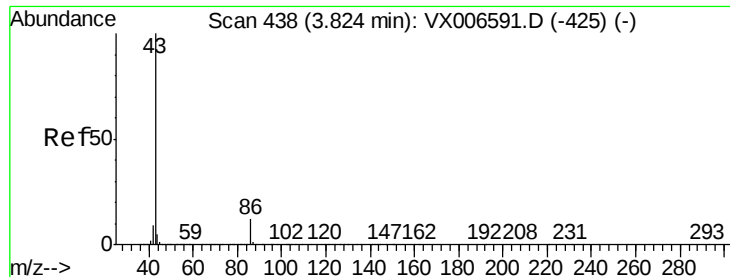
45 100

43 56.9 51.2 76.8

87 30.2 25.8 38.6

59 10.6 9.0 13.4





#23

Vinyl Acetate

Concen: 104.136 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

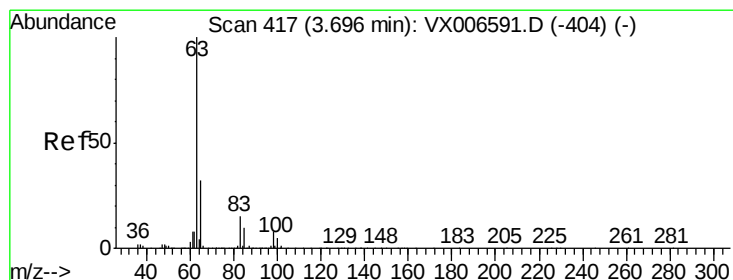
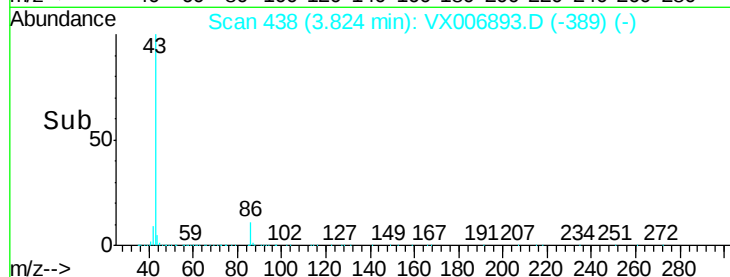
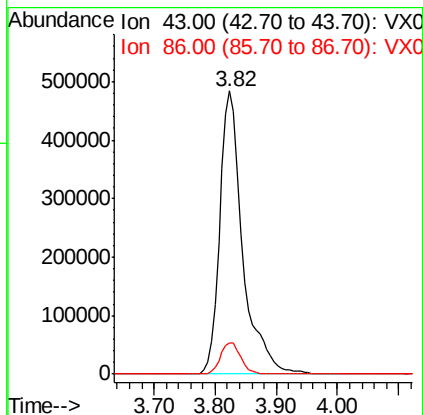
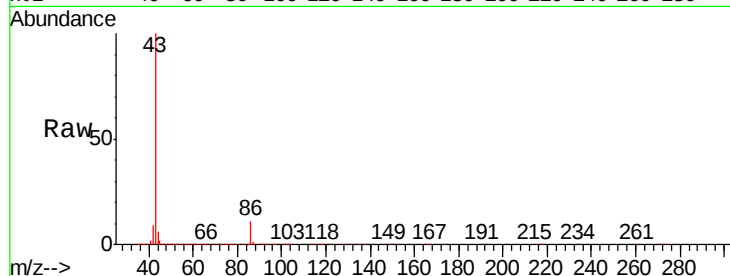
VX0103WBSD01

Tgt Ion: 43 Resp: 1259305

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.862 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

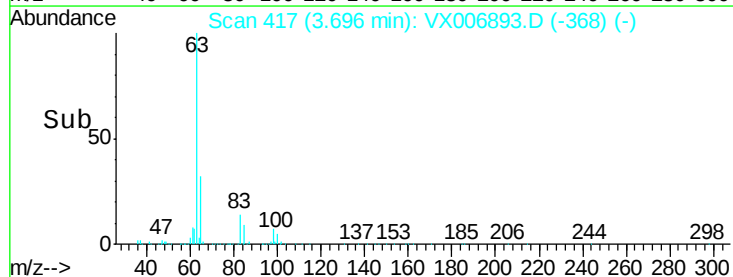
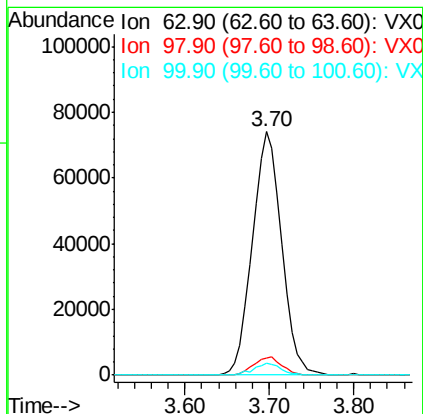
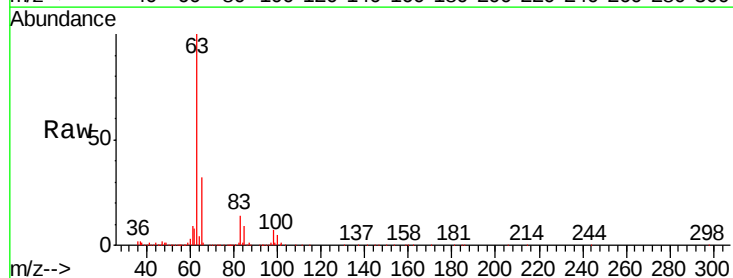
Tgt Ion: 63 Resp: 175287

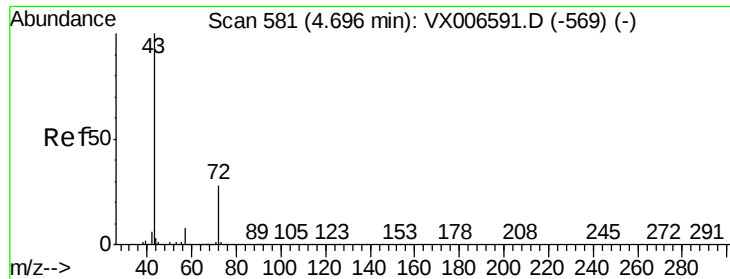
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 104.606 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

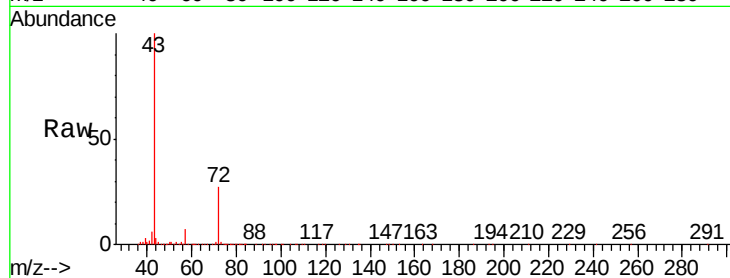
VX0103WBSD01

Tgt Ion: 43 Resp: 391494

Ion Ratio Lower Upper

43 100

72 26.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

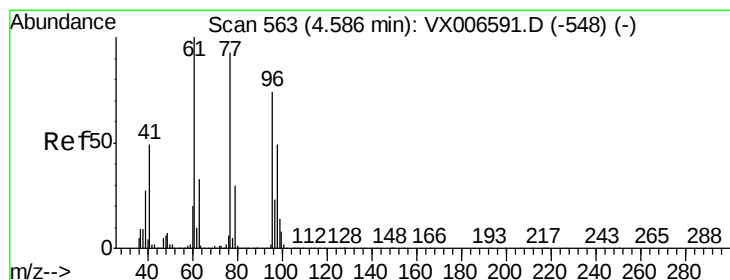
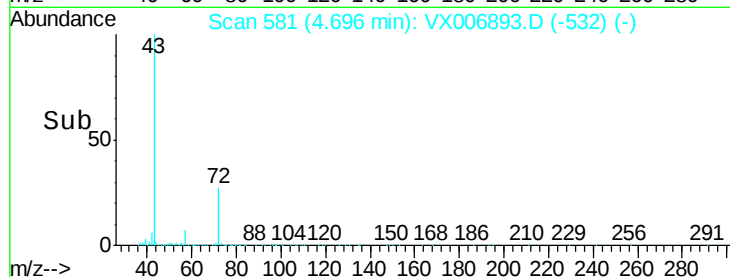
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.799 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006893.D

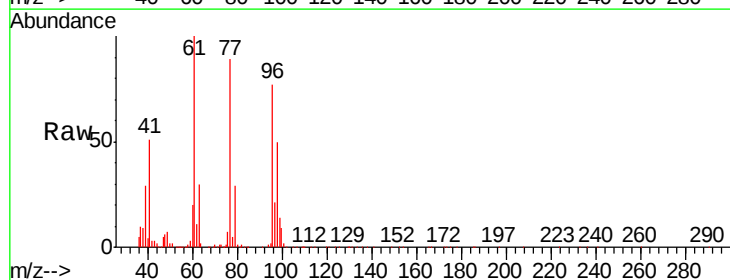
Acq: 03 Jan 2019 14:32

Tgt Ion: 77 Resp: 121340

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

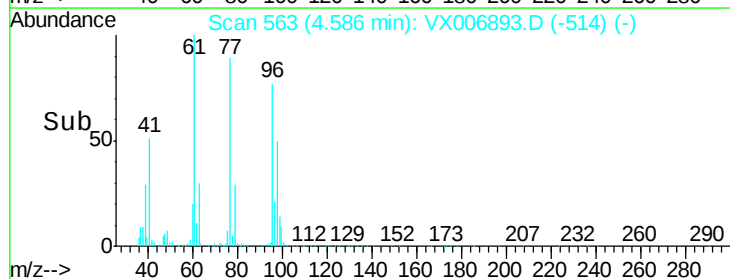
20000

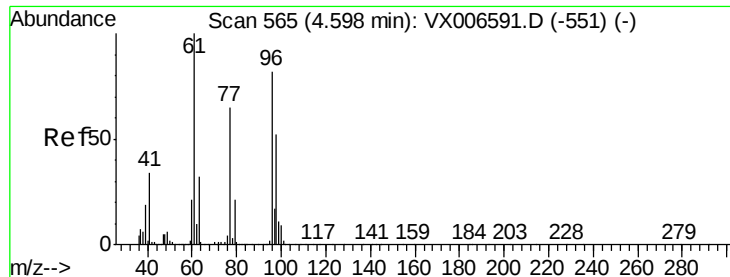
10000

0

4.50 4.60 4.70

Time-->



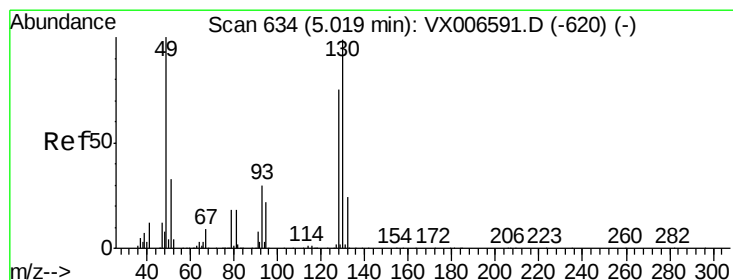
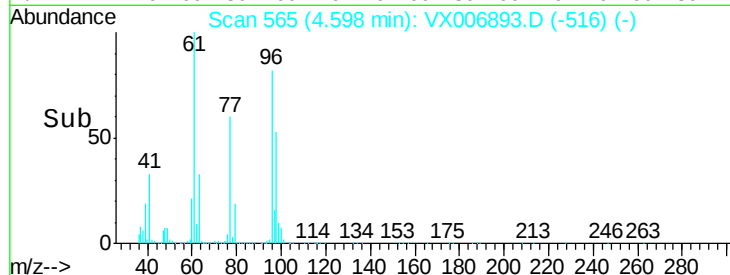
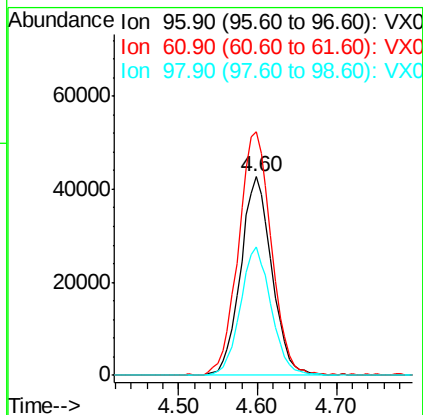
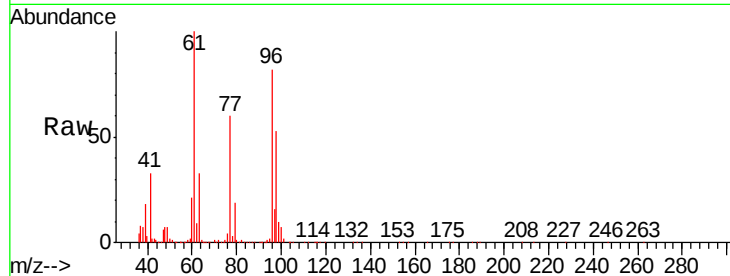


#27

cis-1,2-Dichloroethene
 Concen: 19.941 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0103WBSD01

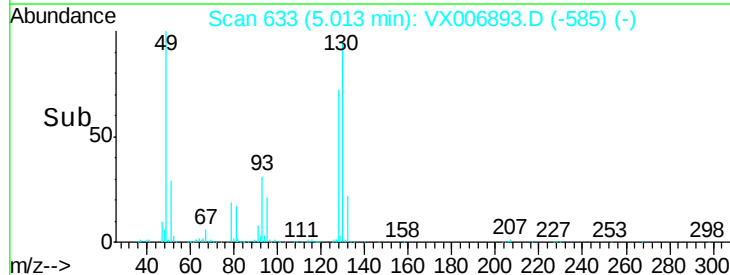
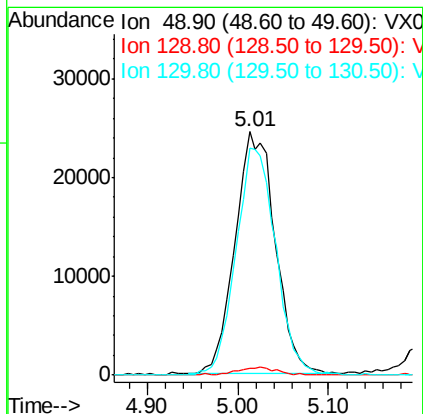
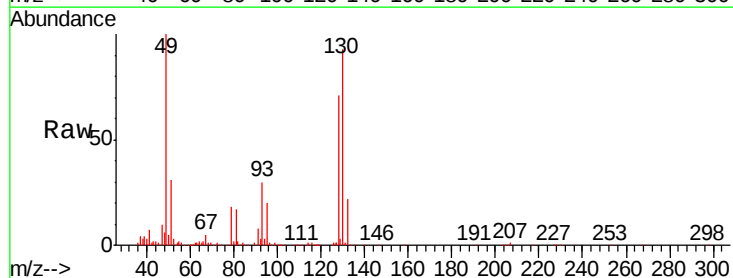
Tgt Ion: 96 Resp: 117036
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 258.6
 98 64.1 0.0 132.0

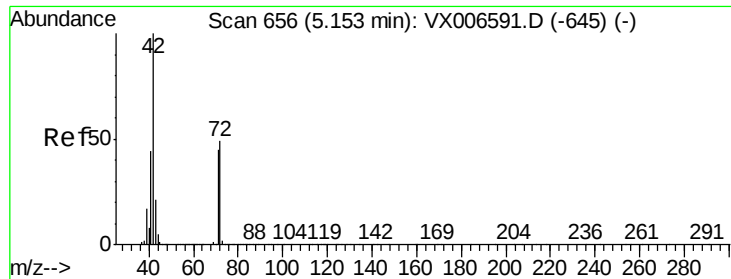


#28

Bromochloromethane
 Concen: 19.008 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion: 49 Resp: 74989
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.4
 130 93.2 77.7 116.5

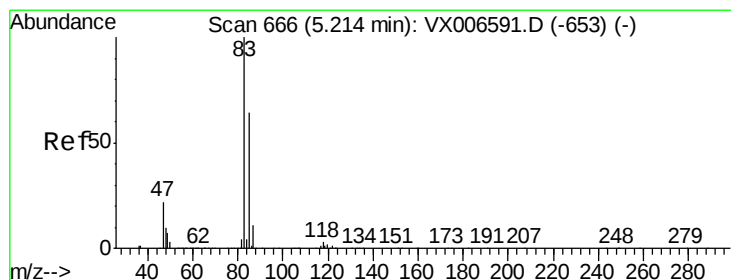
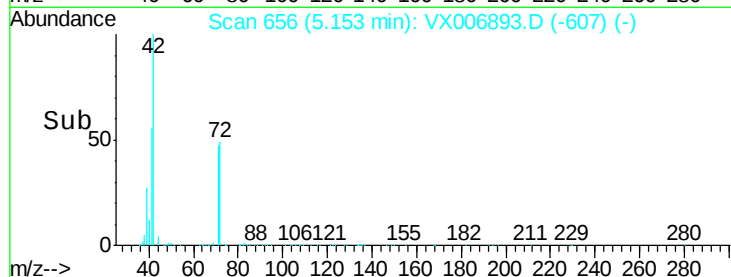
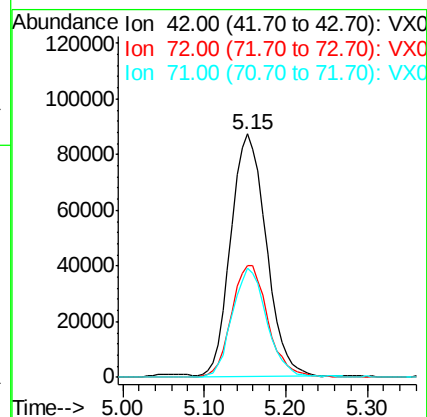
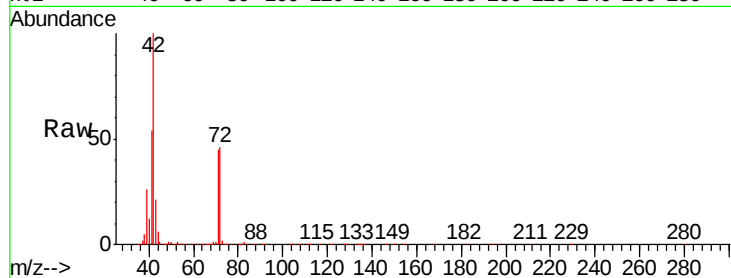




#29
Tetrahydrofuran
Concen: 106.541 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

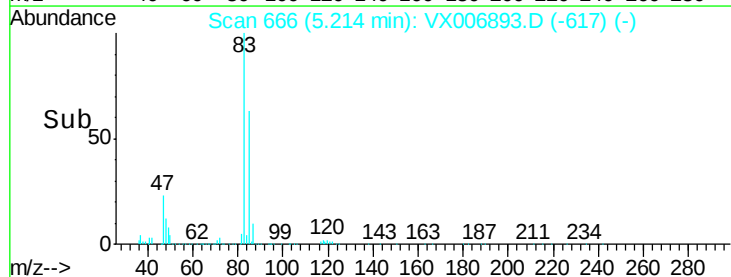
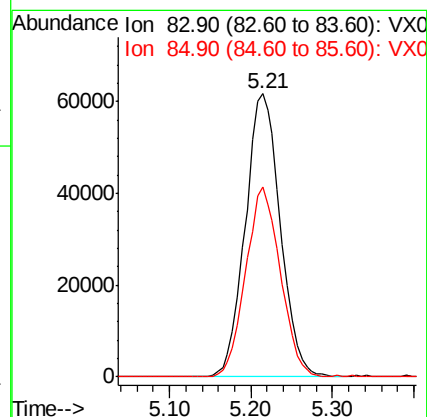
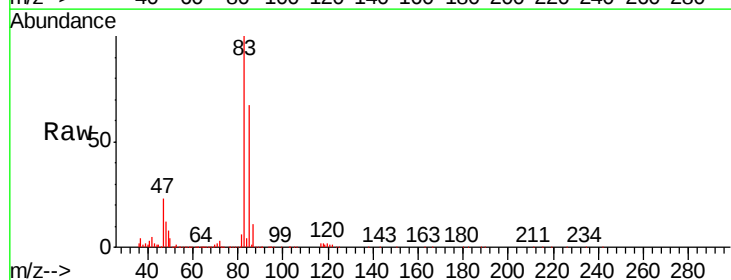
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

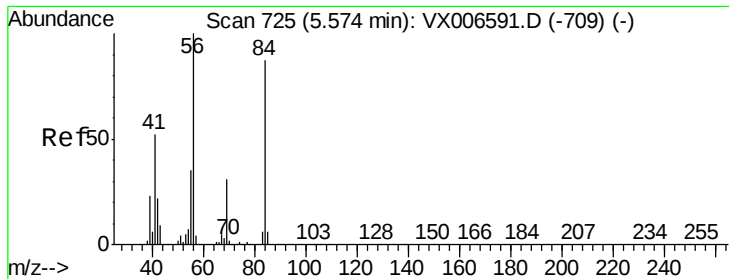
Tgt Ion: 42 Resp: 262620
Ion Ratio Lower Upper
42 100
72 47.2 38.9 58.3
71 43.4 36.2 54.4



#30
Chloroform
Concen: 20.183 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 83 Resp: 184452
Ion Ratio Lower Upper
83 100
85 66.9 51.2 76.8

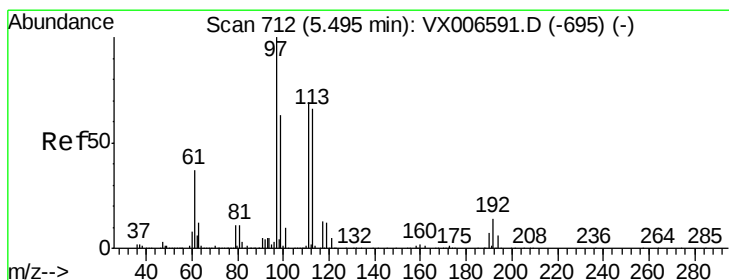
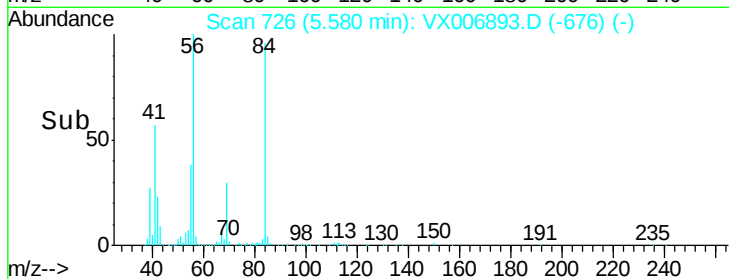
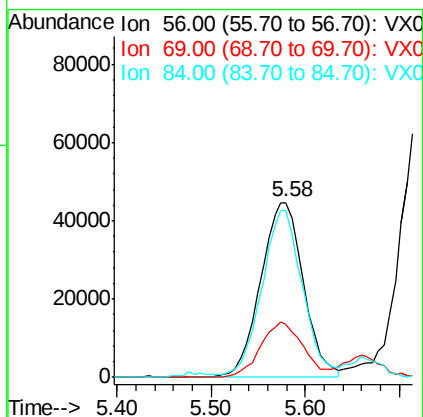
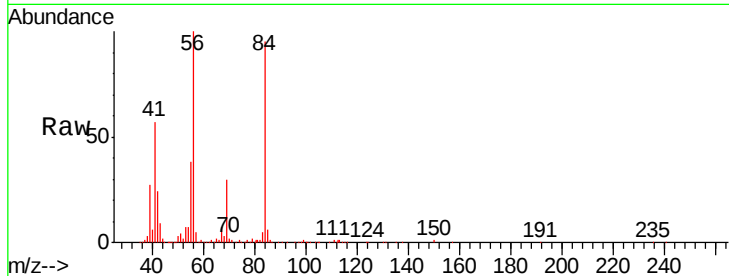




#31
Cyclohexane
Concen: 17.713 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

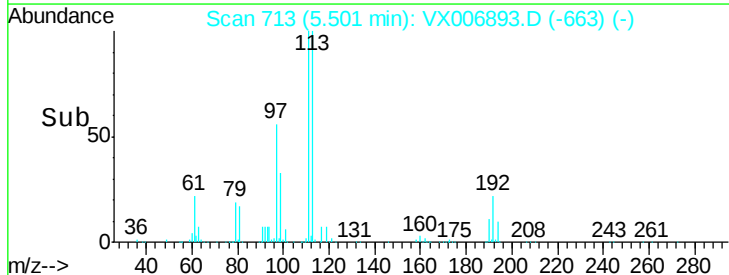
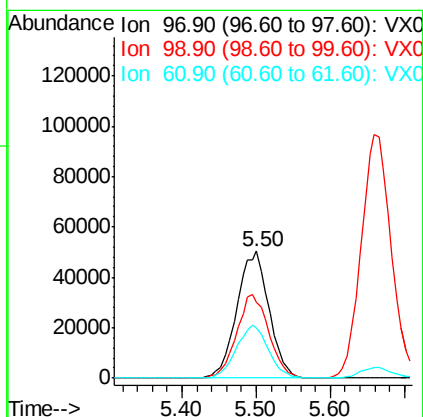
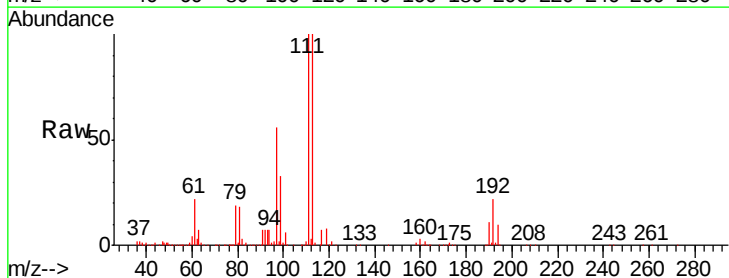
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

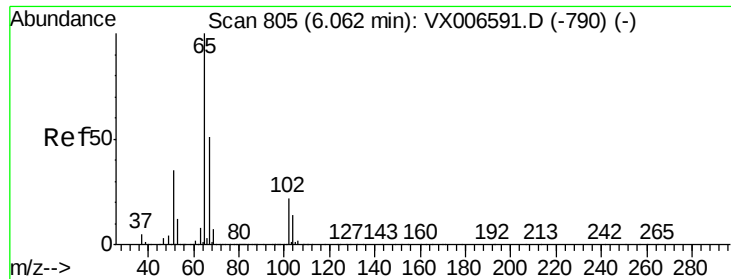
Tgt Ion: 56 Resp: 142016
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 92.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.746 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 97 Resp: 152382
Ion Ratio Lower Upper
97 100
99 66.0 51.7 77.5
61 40.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.134 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

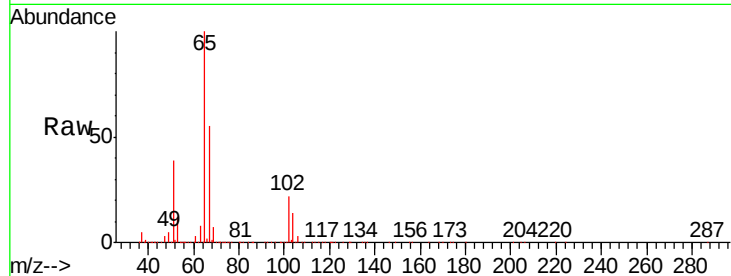
VX0103WBSD01

Tgt Ion: 65 Resp: 284545

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

60000

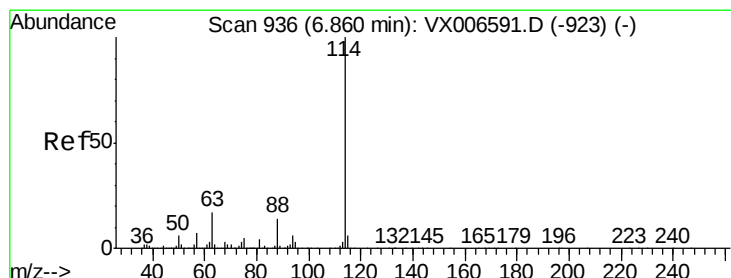
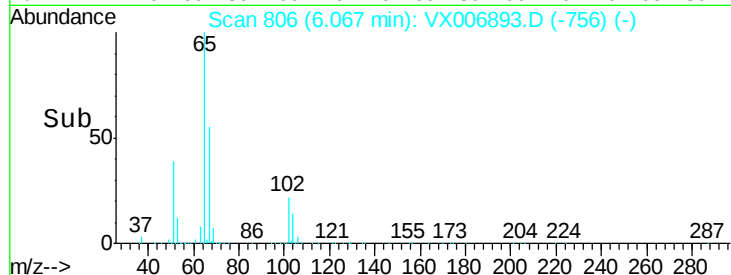
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

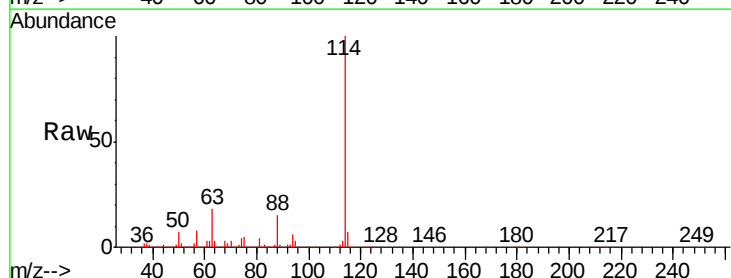
Tgt Ion: 114 Resp: 804945

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 15.1 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

300000

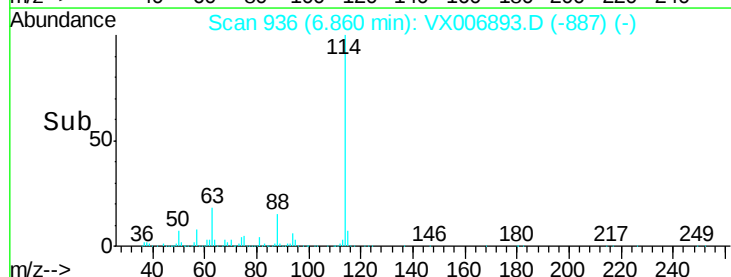
200000

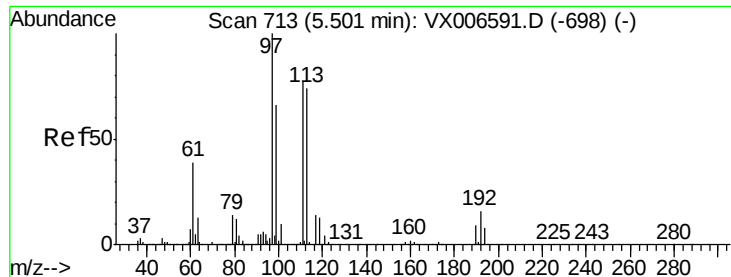
100000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.844 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

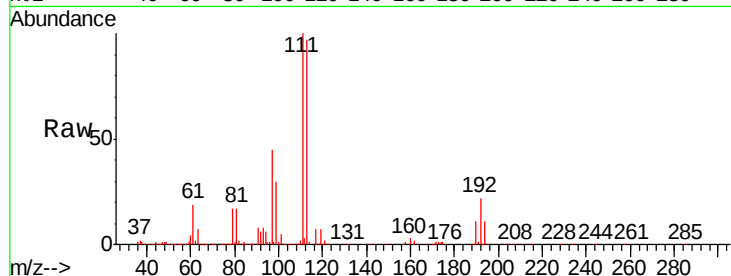
Tgt Ion:113 Resp: 258813

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

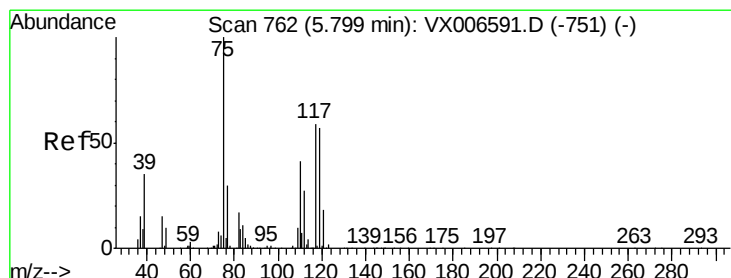
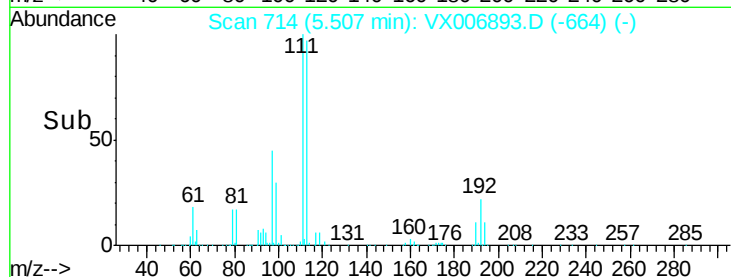
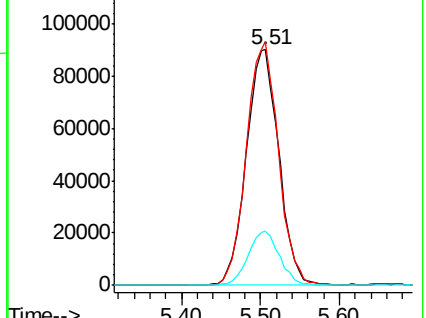
192 22.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.004 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

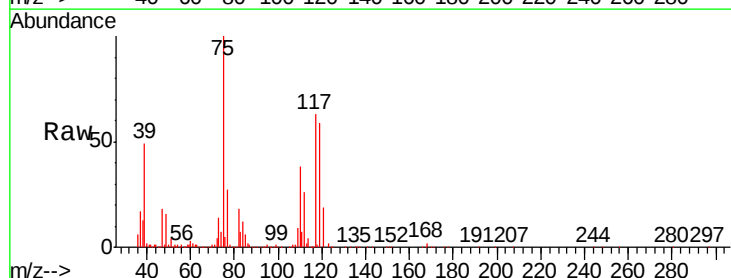
Tgt Ion: 75 Resp: 126693

Ion Ratio Lower Upper

75 100

110 40.3 20.2 60.5

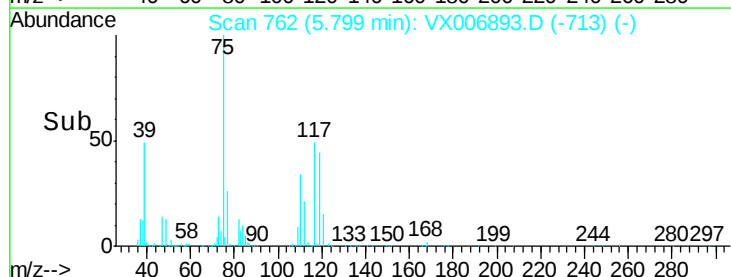
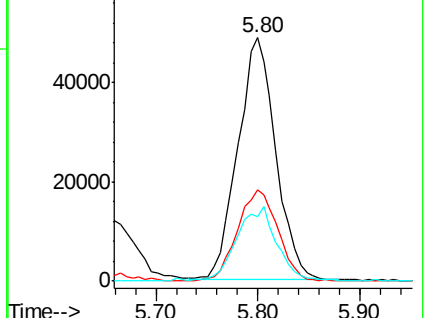
77 31.5 24.8 37.2

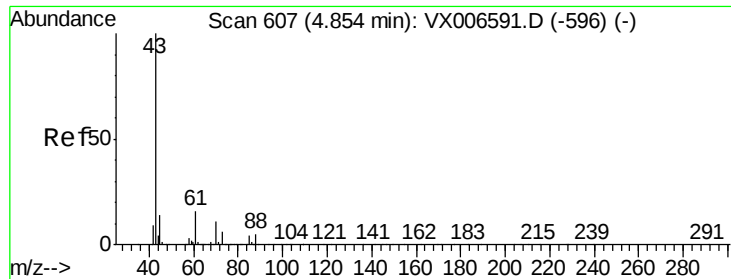


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

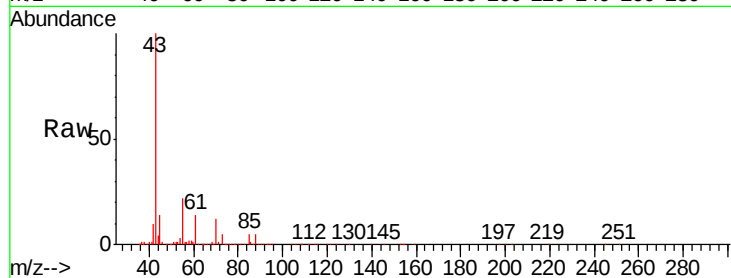




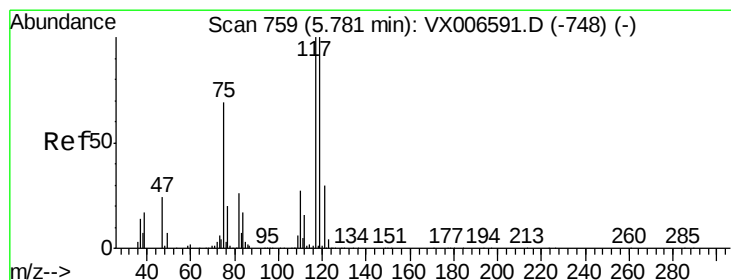
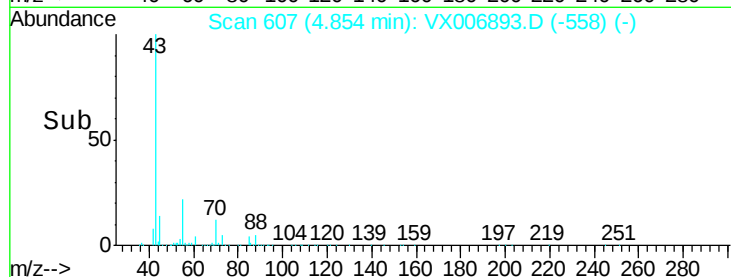
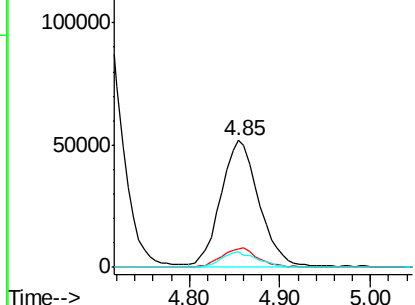
#37
Ethyl Acetate
Concen: 21.665 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tgt Ion: 43 Resp: 150332
Ion Ratio Lower Upper
43 100
61 13.8 11.9 17.9
70 11.5 9.7 14.5

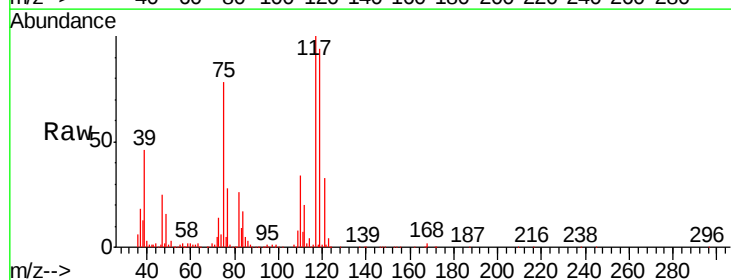


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

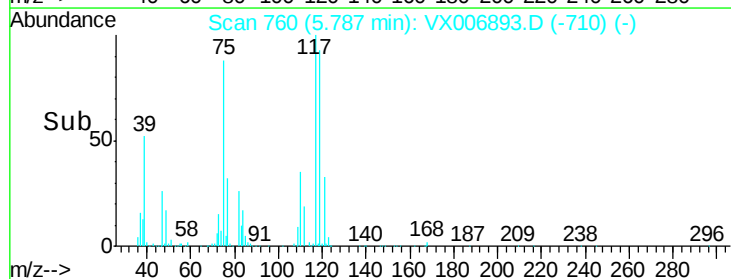
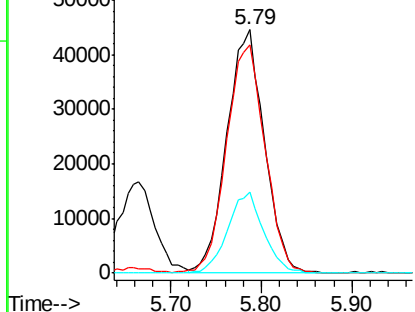


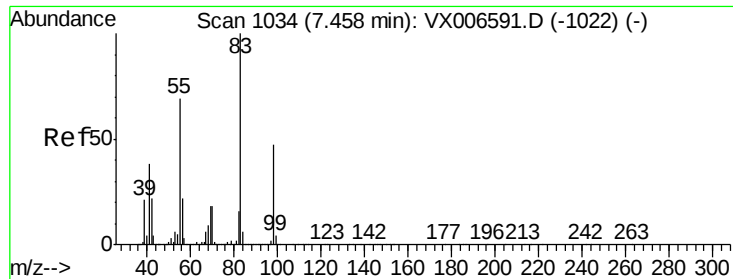
#38
Carbon Tetrachloride
Concen: 19.687 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 117 Resp: 127551
Ion Ratio Lower Upper
117 100
119 93.8 79.4 119.2
121 33.5 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

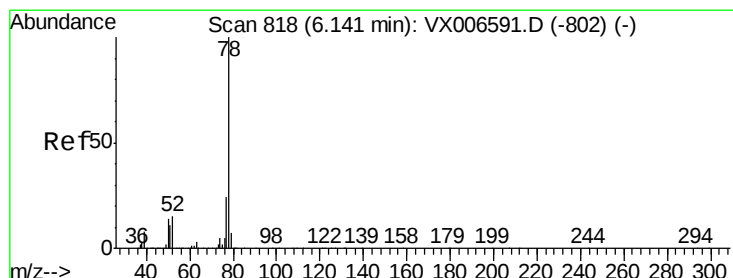
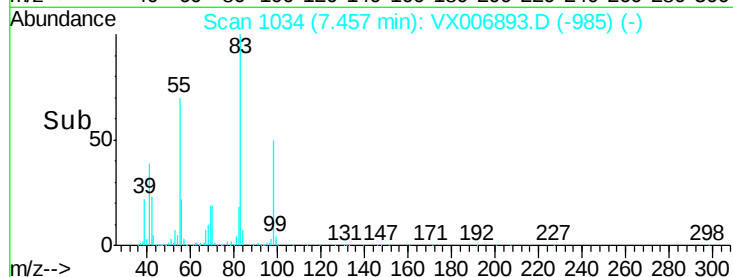
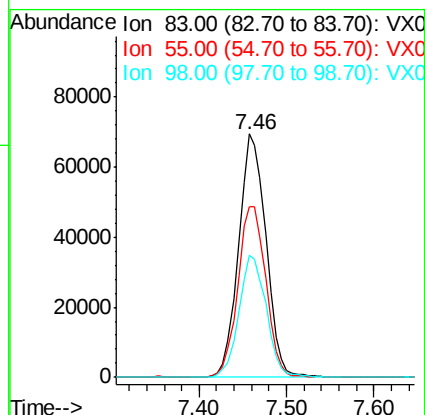
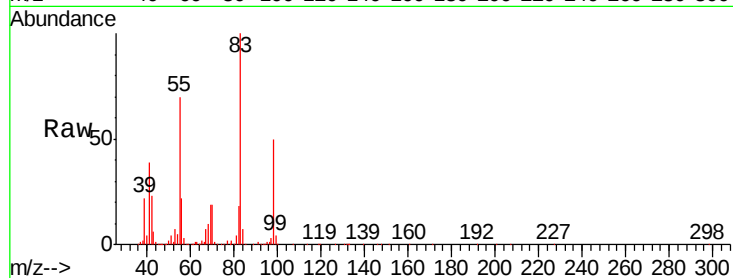




#39
Methylcyclohexane
Concen: 17.282 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

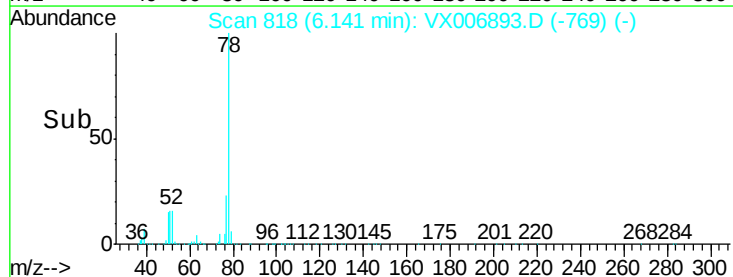
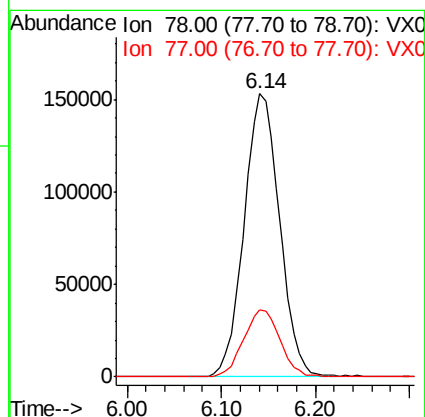
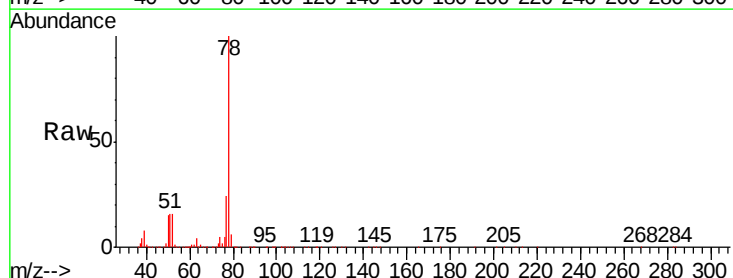
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

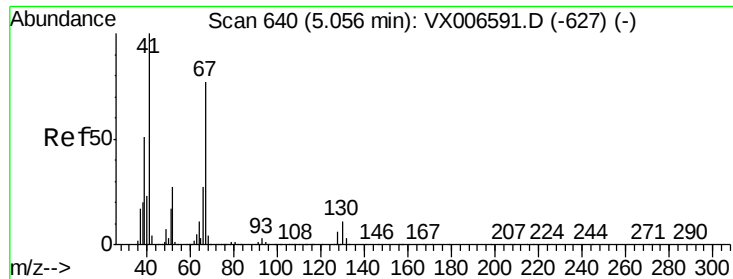
Tgt Ion: 83 Resp: 151681
Ion Ratio Lower Upper
83 100
55 69.8 54.9 82.3
98 49.8 37.9 56.9



#40
Benzene
Concen: 19.975 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 78 Resp: 404799
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

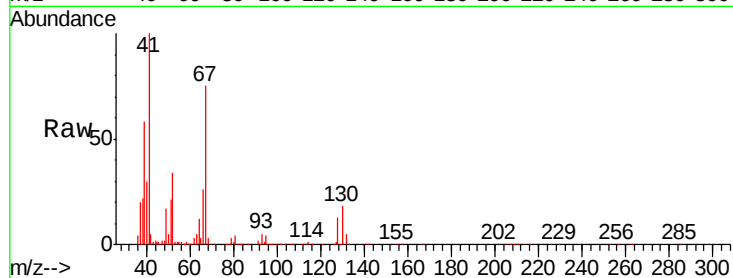




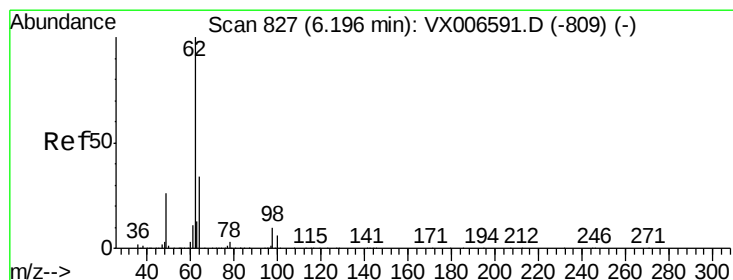
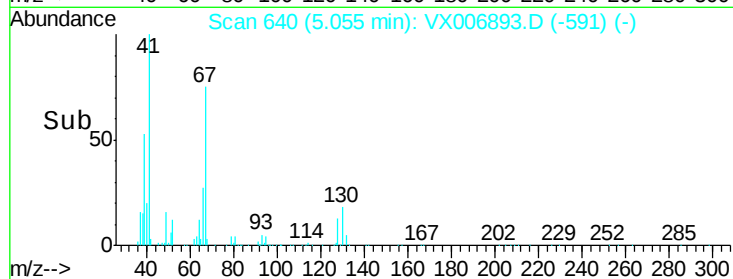
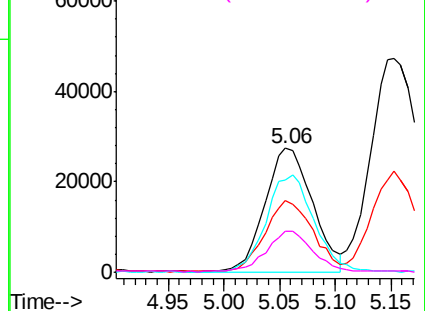
#41
Methacrylonitrile
Concen: 22.265 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tgt Ion:	41	Resp:	82023
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.8	64.2
67	79.6	62.1	93.1
52	31.0	23.4	35.0

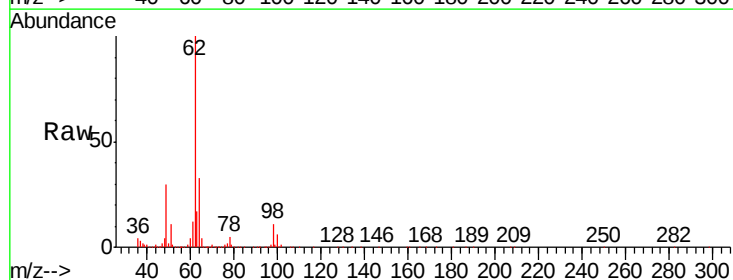


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

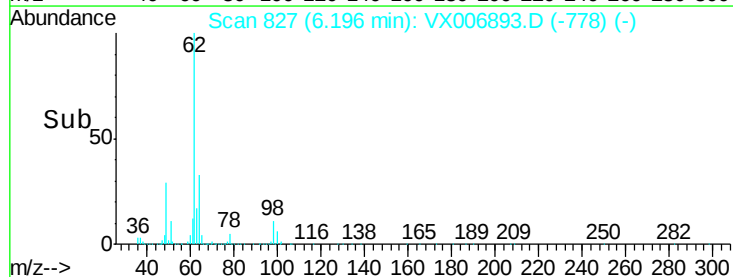
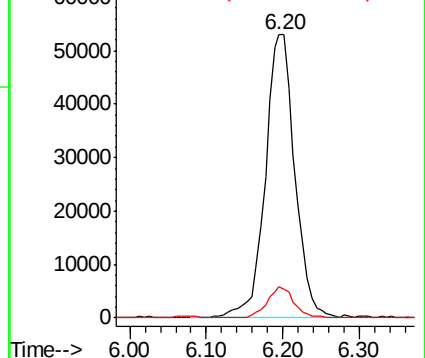


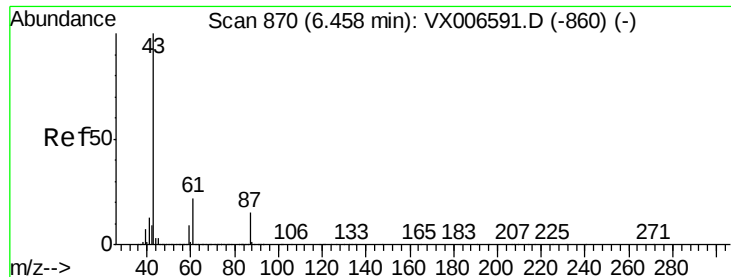
#42
1,2-Dichloroethane
Concen: 20.685 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion:	62	Resp:	142837
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 22.002 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

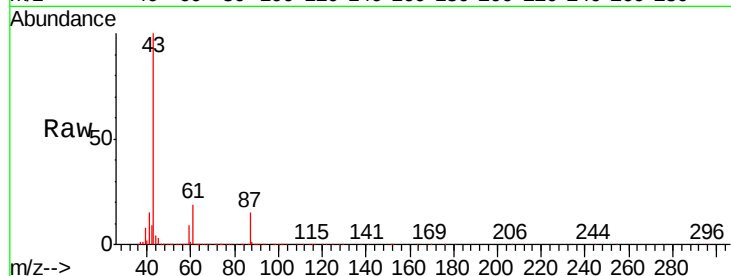
Tgt Ion: 43 Resp: 232297

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

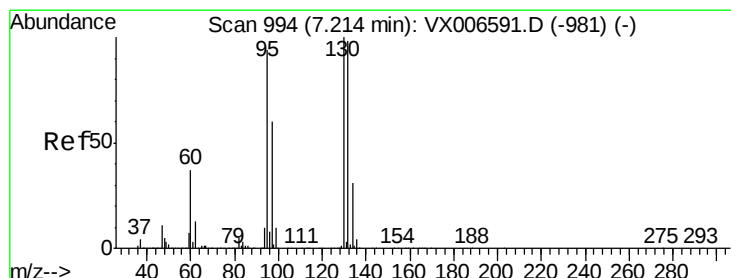
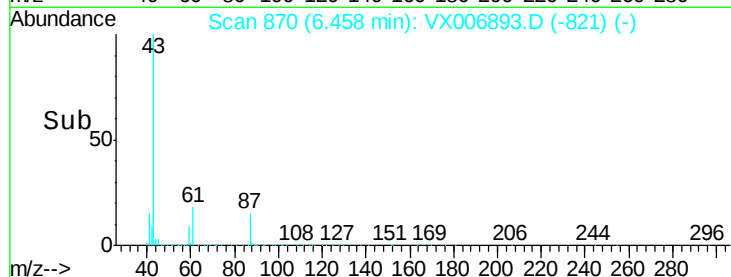
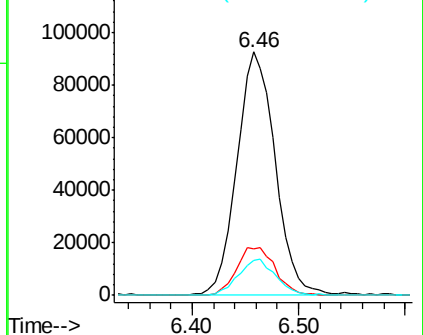
87 14.8 12.4 18.6



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: 19.677 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006893.D

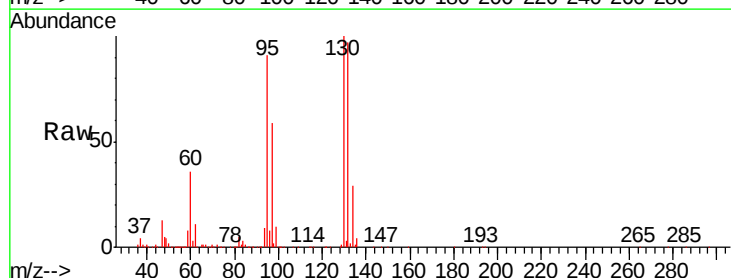
Acq: 03 Jan 2019 14:32

Tgt Ion:130 Resp: 120690

Ion Ratio Lower Upper

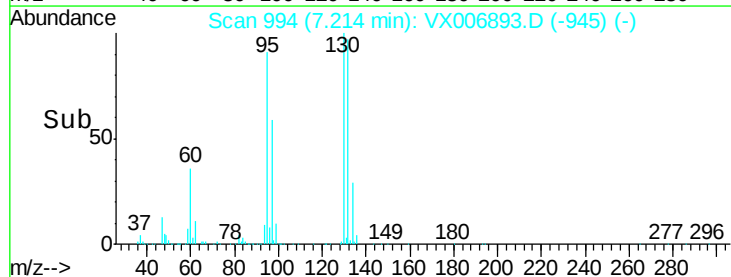
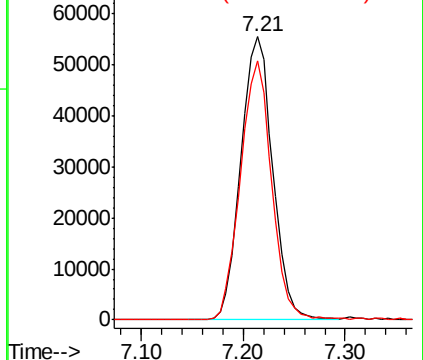
130 100

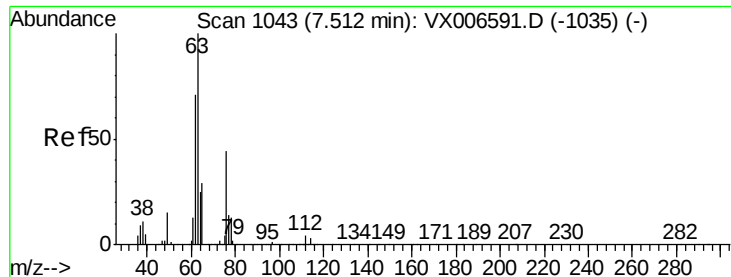
95 91.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.093 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

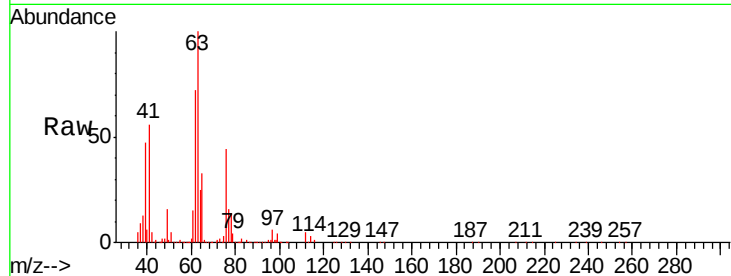
VX0103WBSD01

Tgt Ion: 63 Resp: 104021

Ion Ratio Lower Upper

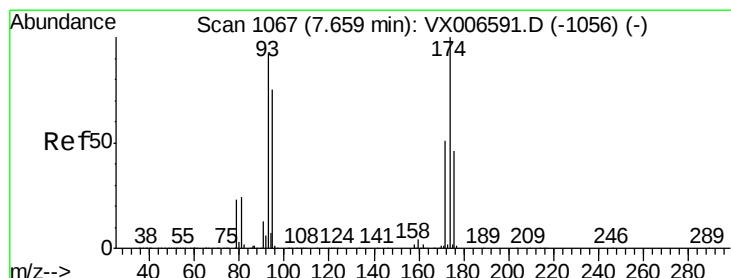
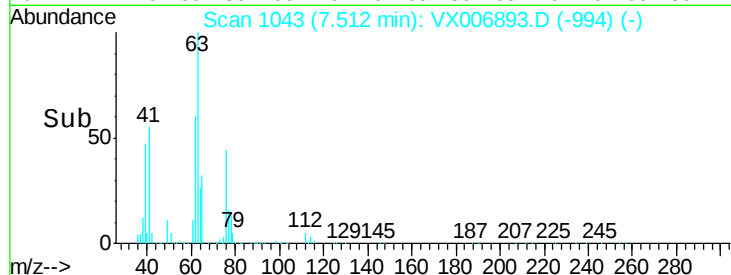
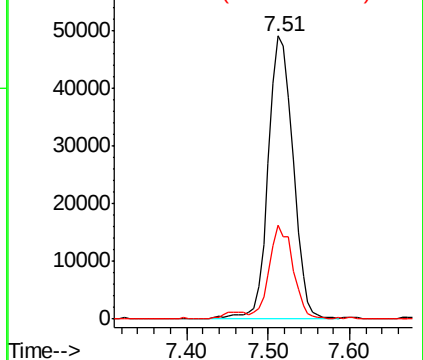
63 100

65 32.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.038 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

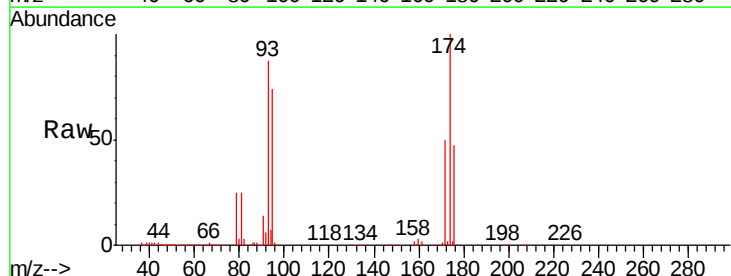
Tgt Ion: 93 Resp: 72686

Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

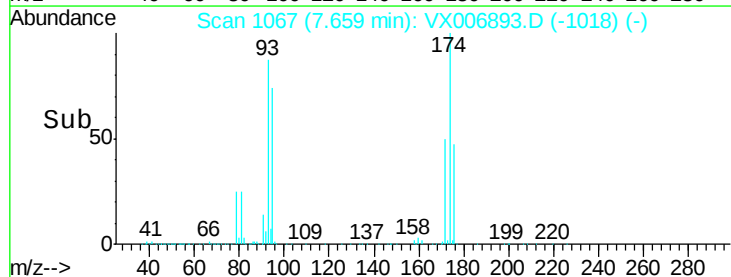
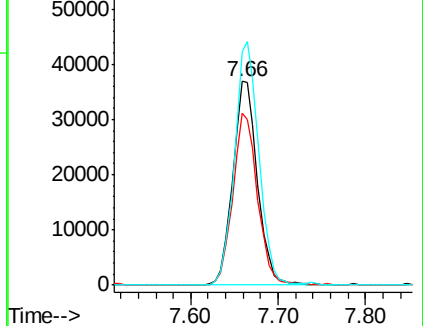
174 117.2 91.0 136.4

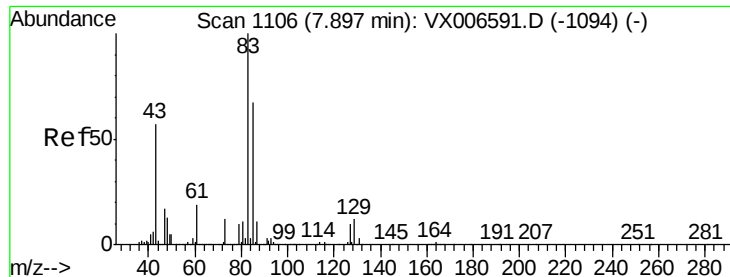


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.606 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

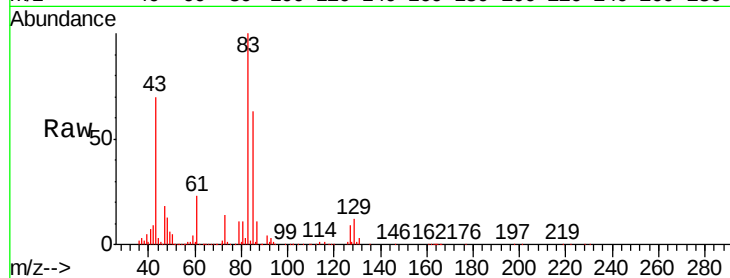
Tgt Ion: 83 Resp: 124095

Ion Ratio Lower Upper

83 100

85 62.9 53.2 79.8

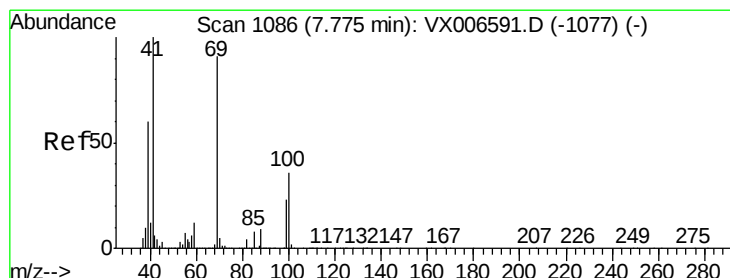
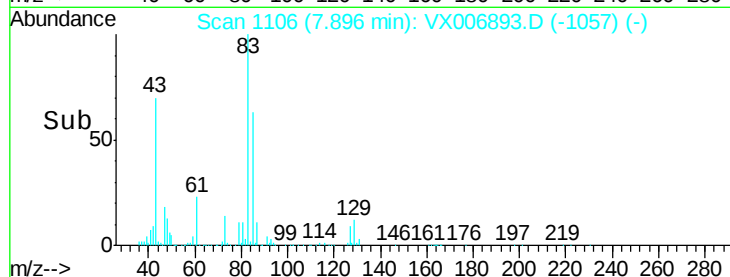
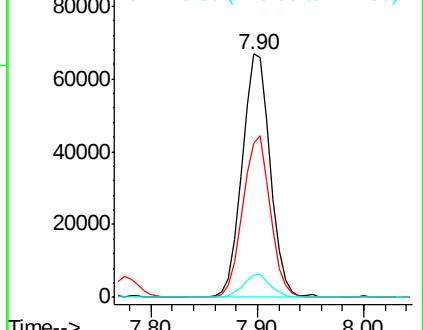
127 9.3 7.8 11.6



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: 21.965 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

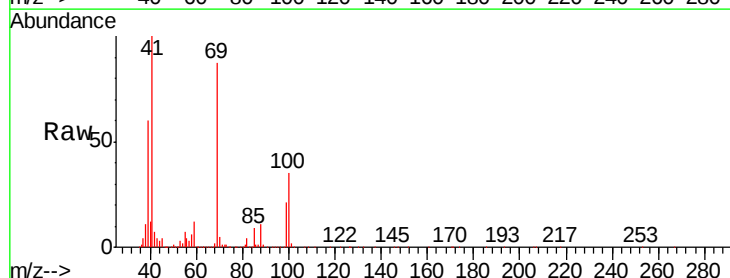
Tgt Ion: 41 Resp: 117928

Ion Ratio Lower Upper

41 100

69 89.7 72.4 108.6

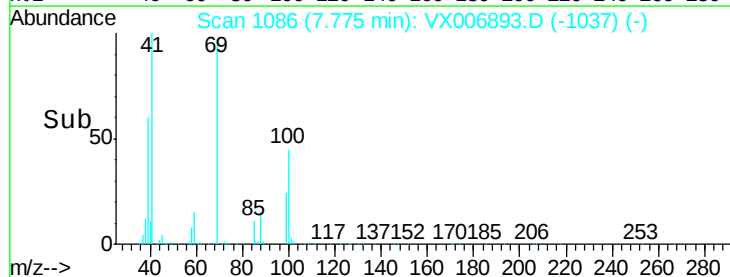
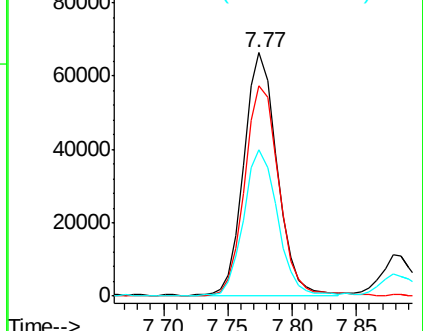
39 61.1 45.8 68.8

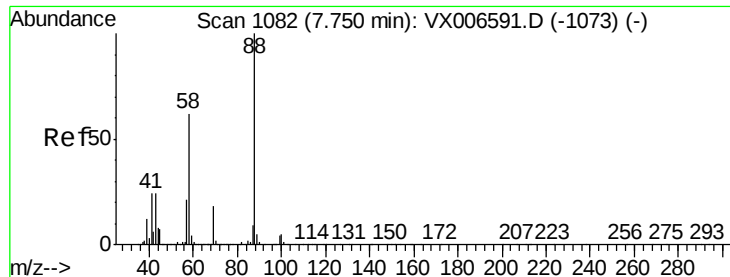


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 407.457 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

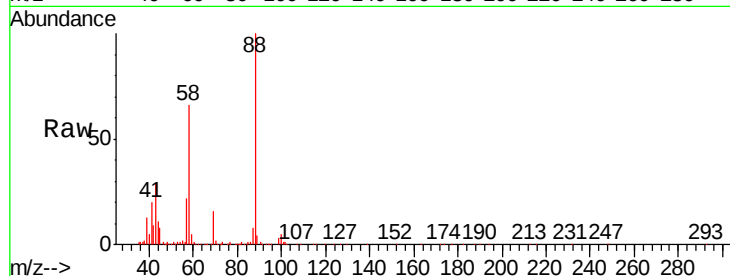
Tgt Ion: 88 Resp: 58893

Ion Ratio Lower Upper

88 100

43 28.1 22.2 33.4

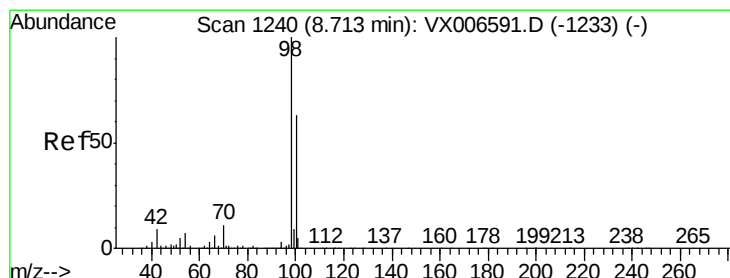
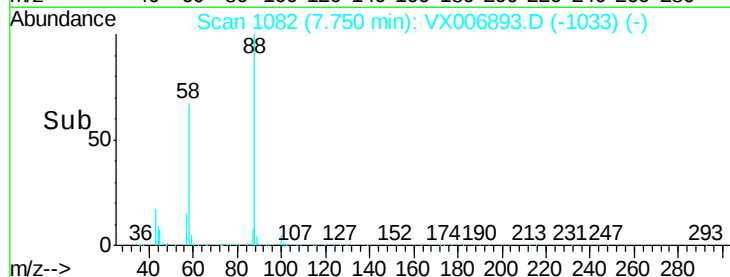
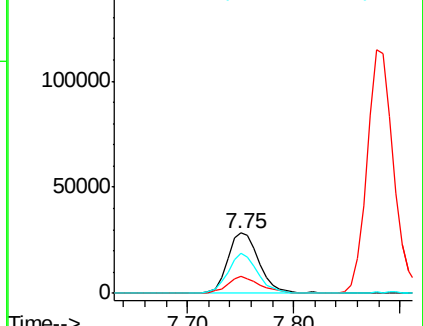
58 63.0 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.656 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006893.D

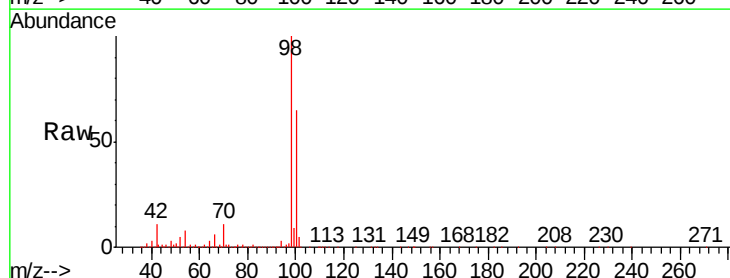
Acq: 03 Jan 2019 14:32

Tgt Ion: 98 Resp: 933735

Ion Ratio Lower Upper

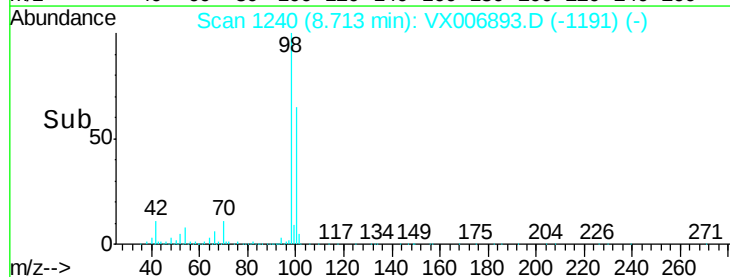
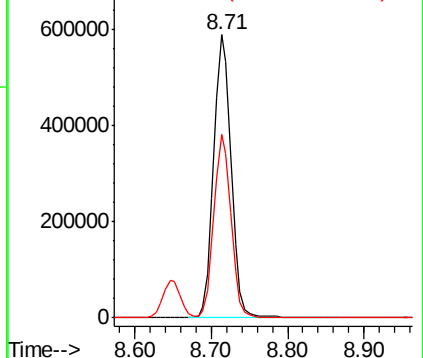
98 100

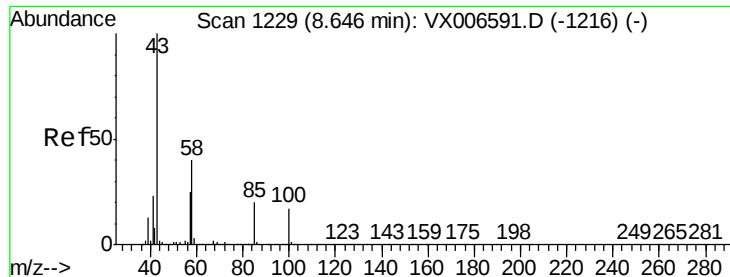
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 112.031 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

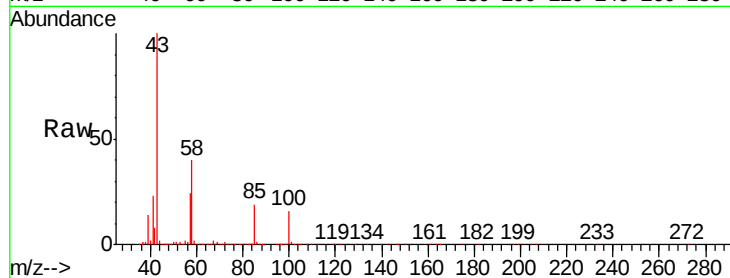
VX0103WBSD01

Tgt Ion: 43 Resp: 752589

Ion Ratio Lower Upper

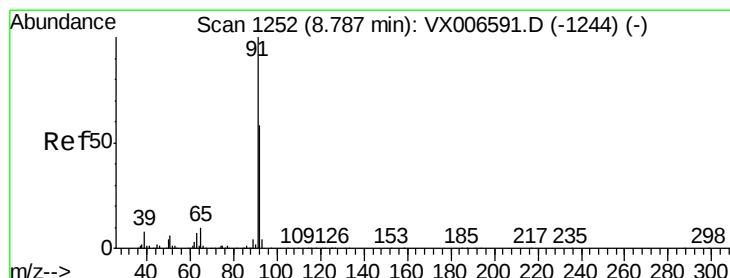
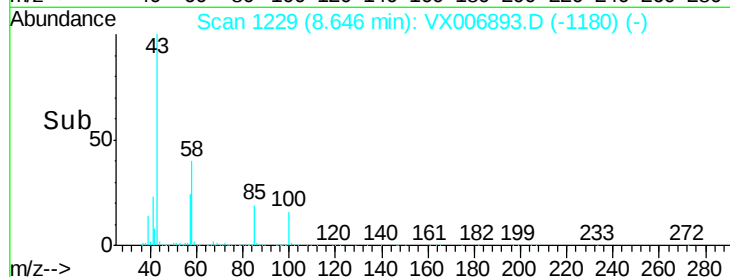
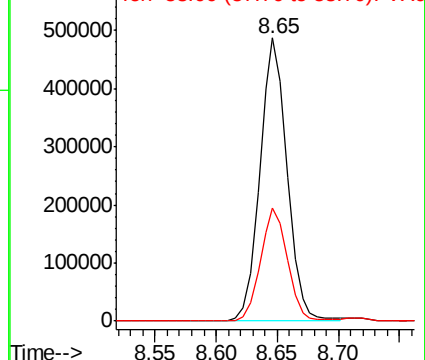
43 100

58 39.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.932 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006893.D

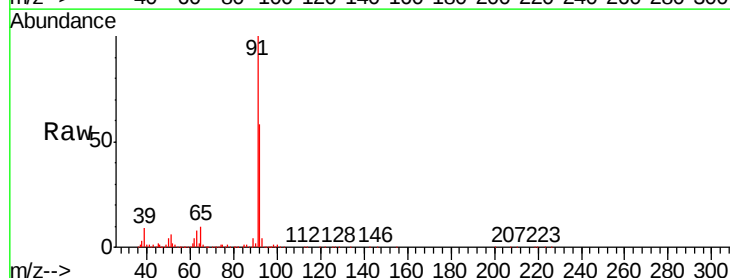
Acq: 03 Jan 2019 14:32

Tgt Ion: 92 Resp: 260945

Ion Ratio Lower Upper

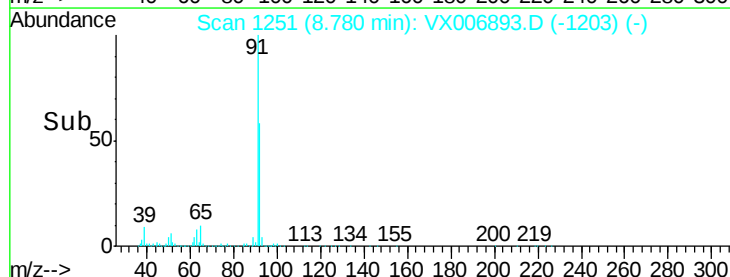
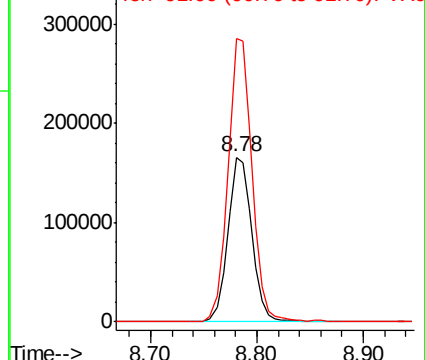
92 100

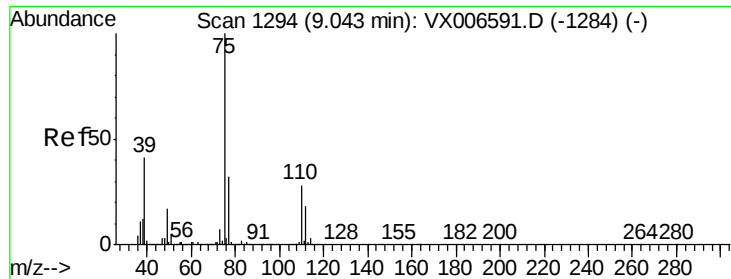
91 173.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.918 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

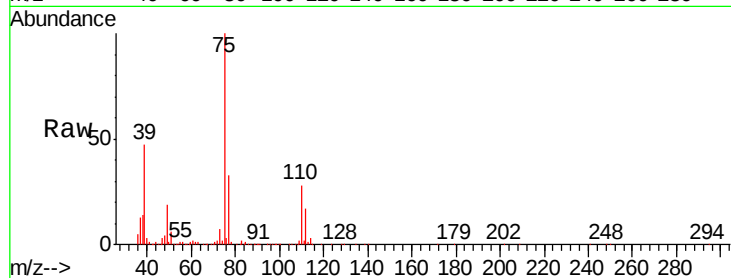
VX0103WBSD01

Tgt Ion: 75 Resp: 128647

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

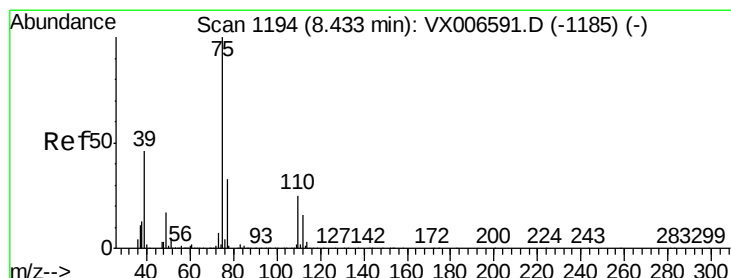
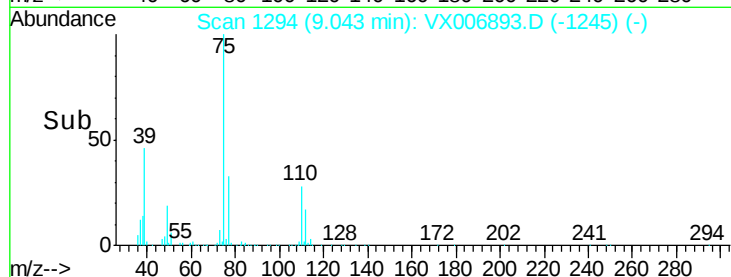
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.688 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

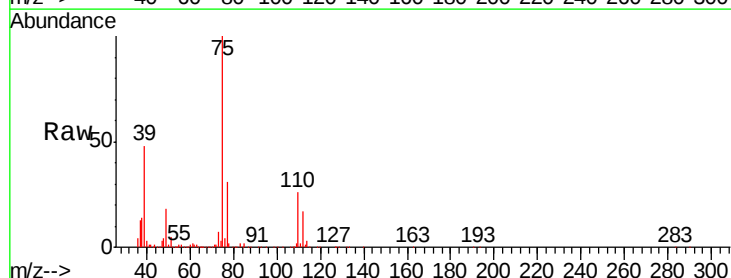
Tgt Ion: 75 Resp: 146615

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 48.2 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

120000

100000

80000

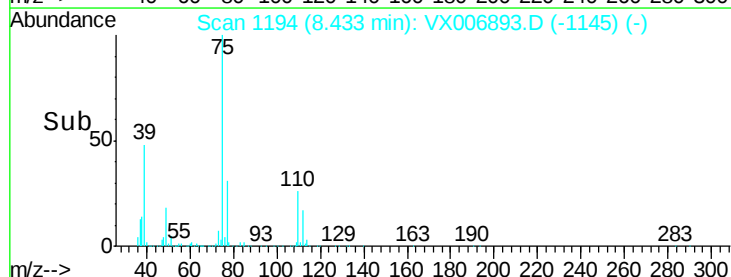
60000

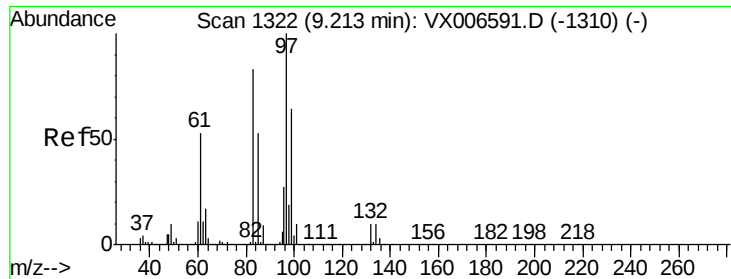
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.512 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tgt Ion: 97 Resp: 115278

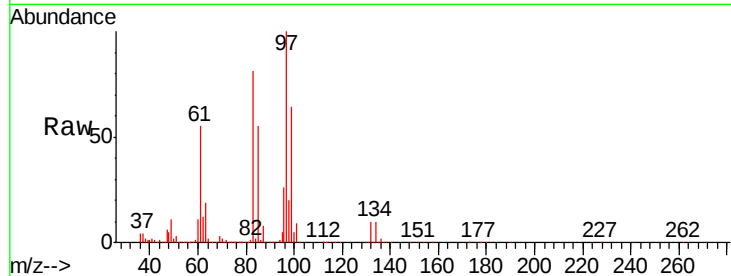
Ion Ratio Lower Upper

97 100

83 80.5 66.6 99.8

85 55.1 42.7 64.1

99 63.7 50.8 76.2

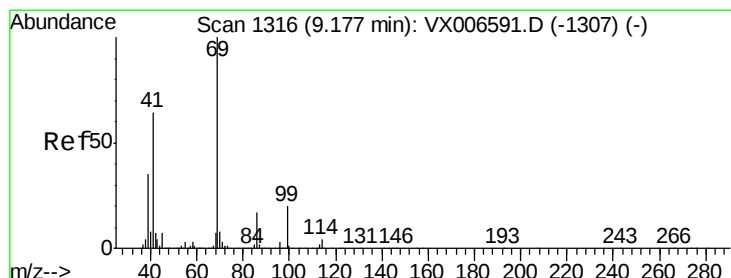
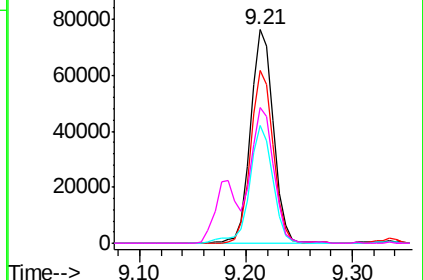
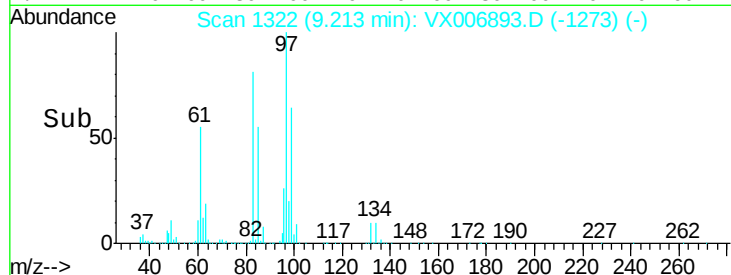


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.367 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

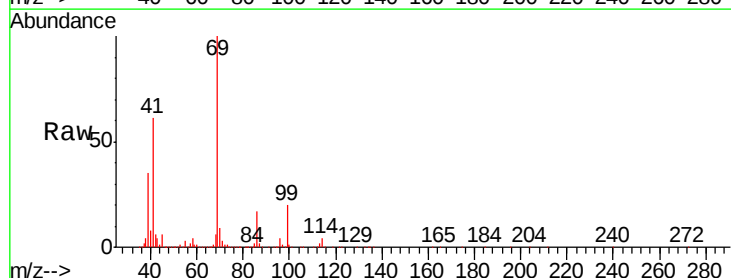
Tgt Ion: 69 Resp: 161835

Ion Ratio Lower Upper

69 100

41 62.9 48.7 73.1

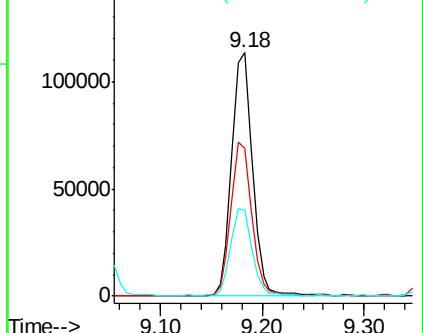
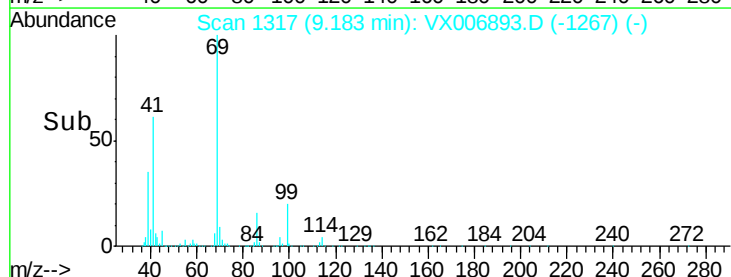
39 36.6 27.0 40.6

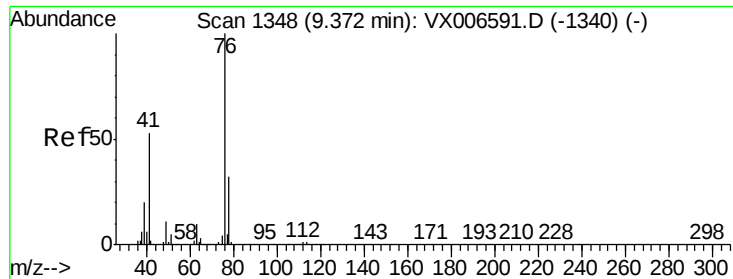


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.942 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

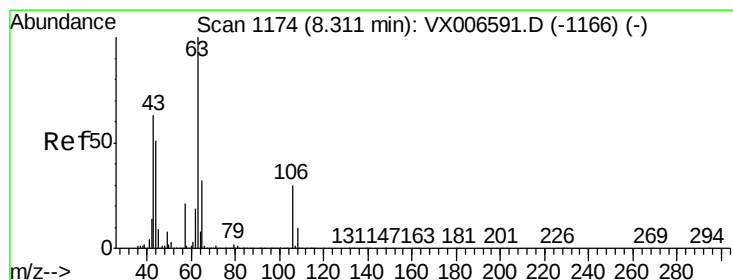
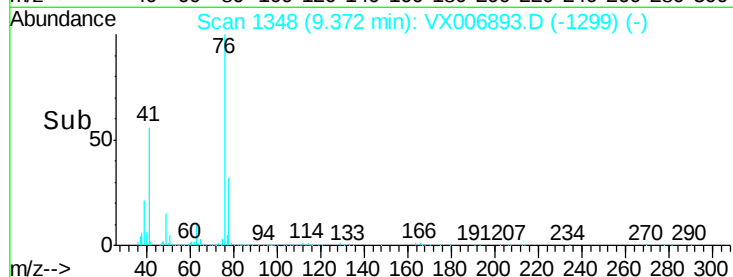
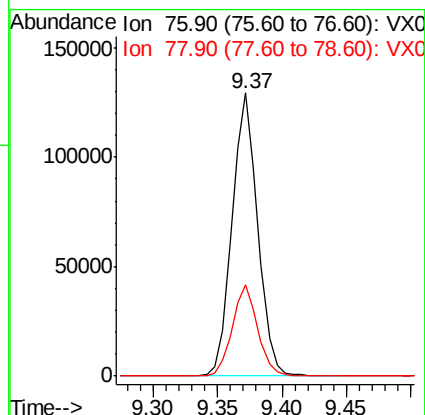
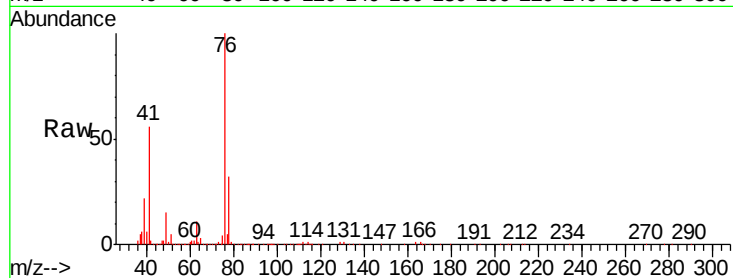
VX0103WBSD01

Tgt Ion: 76 Resp: 180557

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 103.820 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006893.D

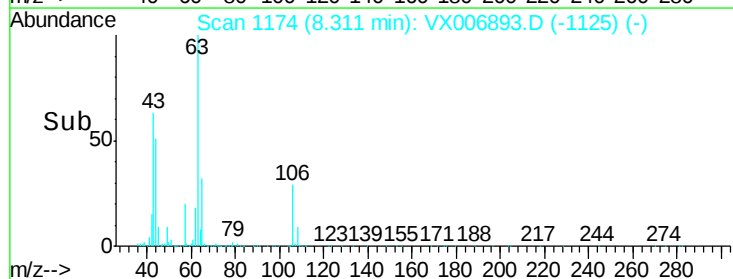
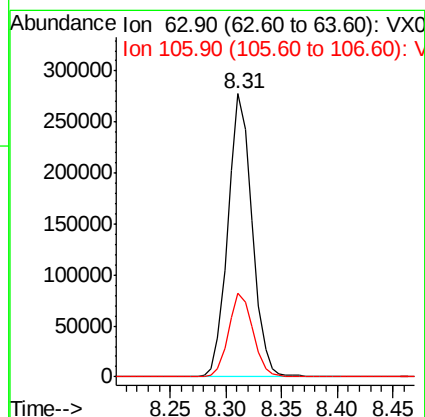
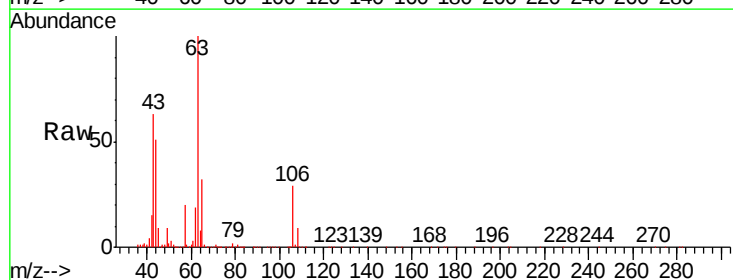
Acq: 03 Jan 2019 14:32

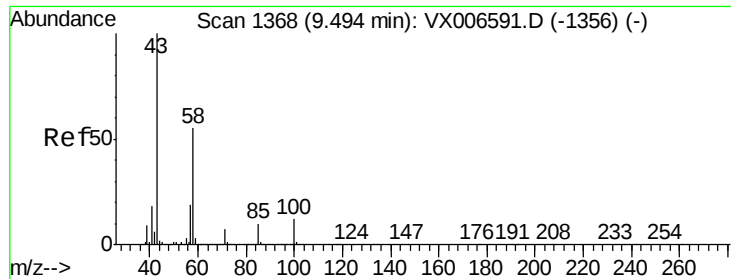
Tgt Ion: 63 Resp: 417985

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8

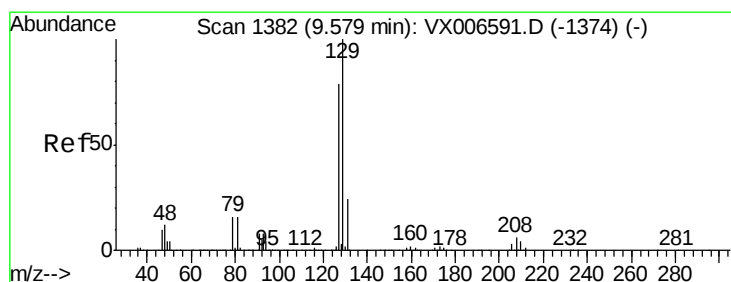
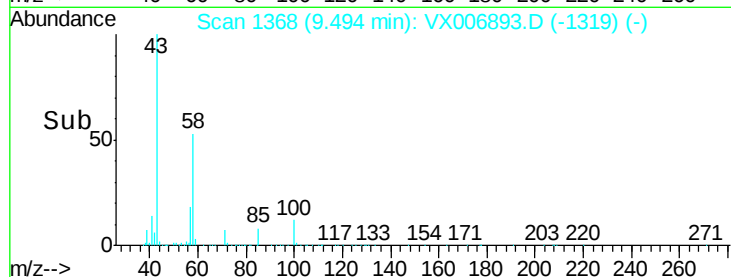
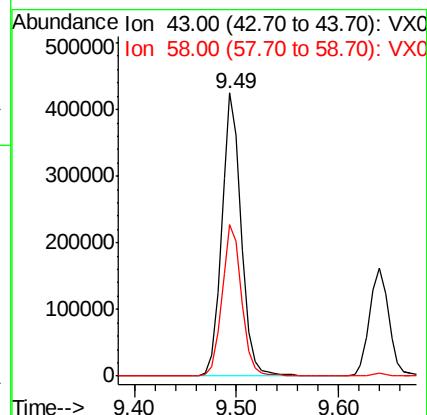
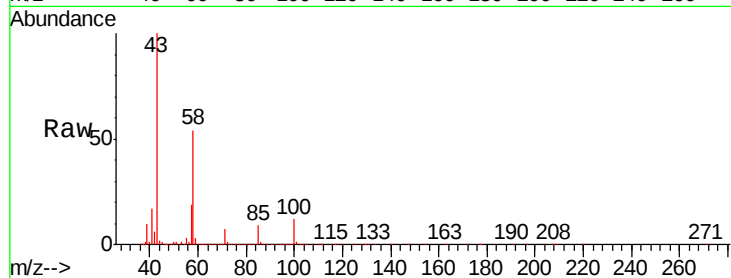




#59
2-Hexanone
Concen: 110.789 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

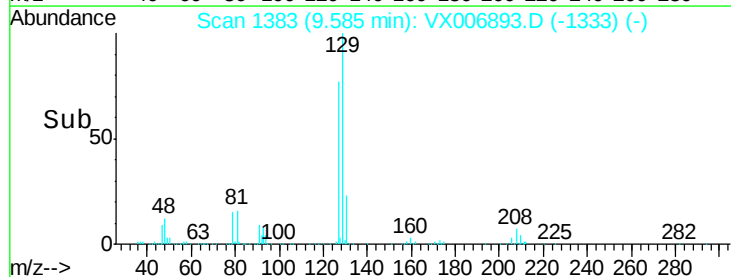
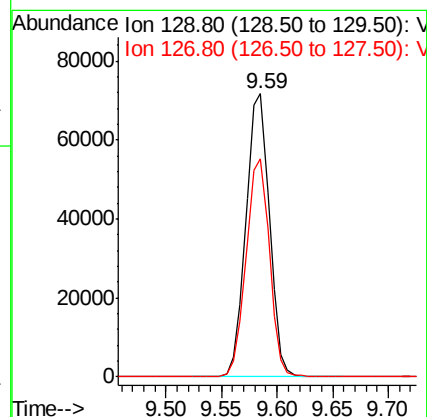
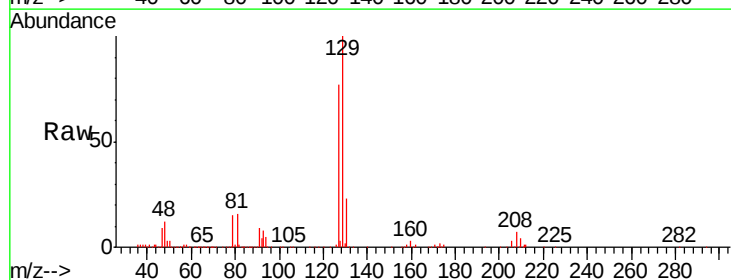
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

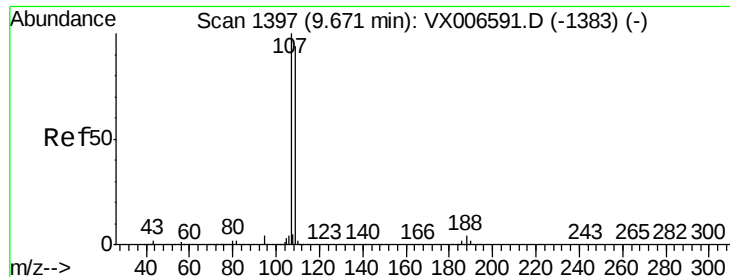
Tgt Ion: 43 Resp: 569432
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



#60
Dibromochloromethane
Concen: 20.223 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 129 Resp: 105208
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.599 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

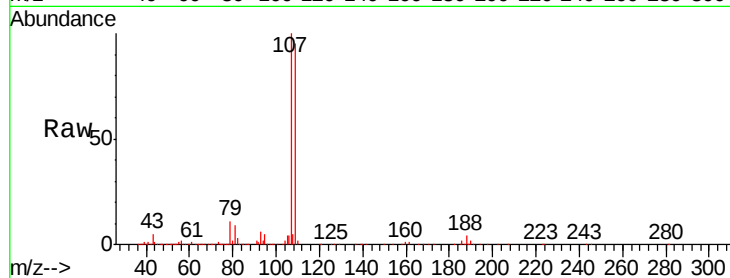
VX0103WBSD01

Tgt Ion: 107 Resp: 117343

Ion Ratio Lower Upper

107 100

109 97.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

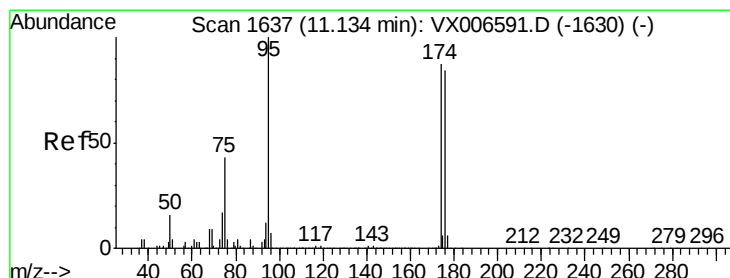
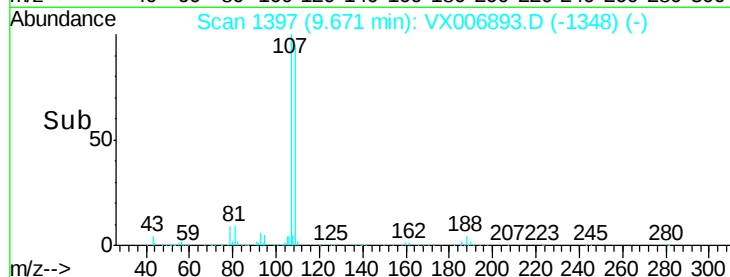
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

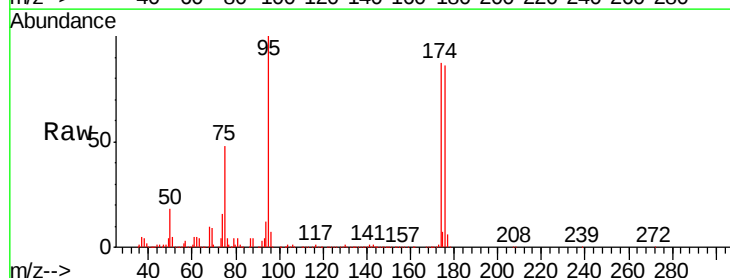
Tgt Ion: 95 Resp: 328184

Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.2

176 91.9 0.0 178.8



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

300000

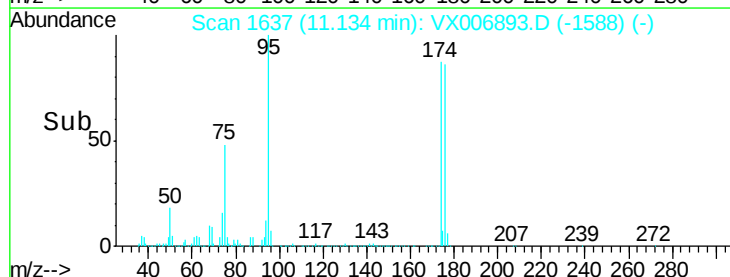
200000

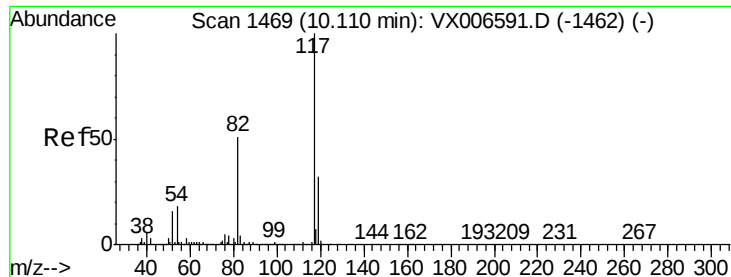
100000

0

Time-->

11.10 11.20

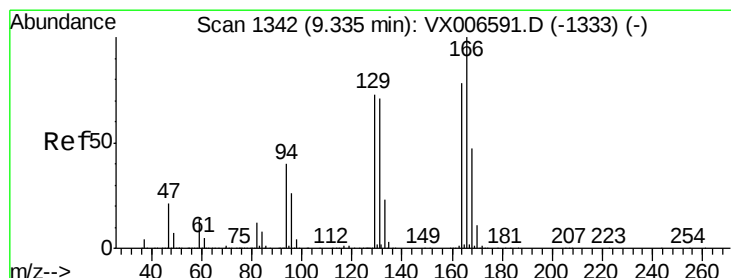
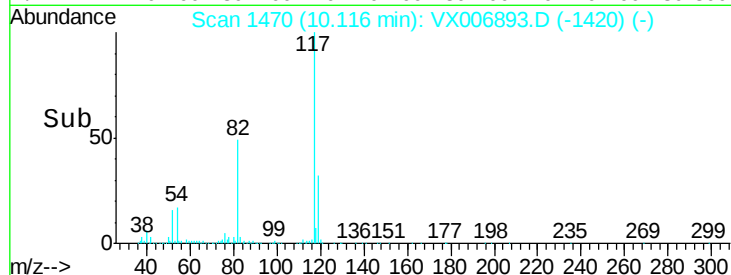
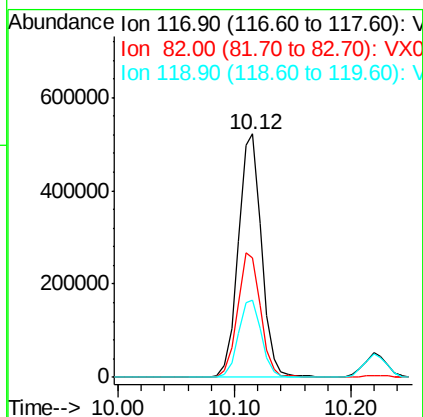
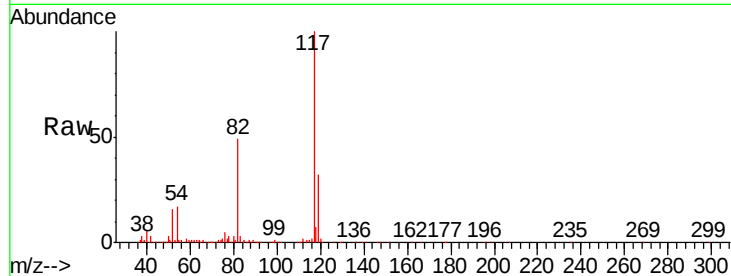




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

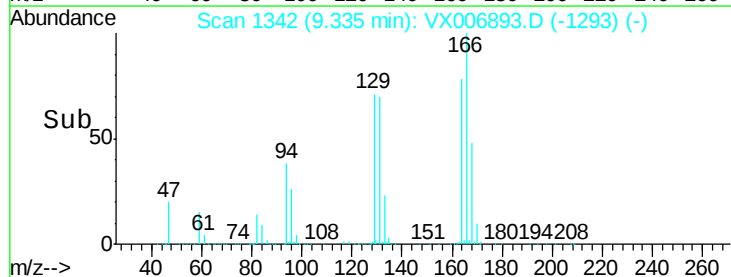
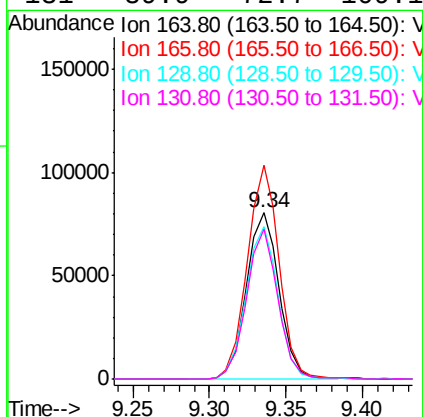
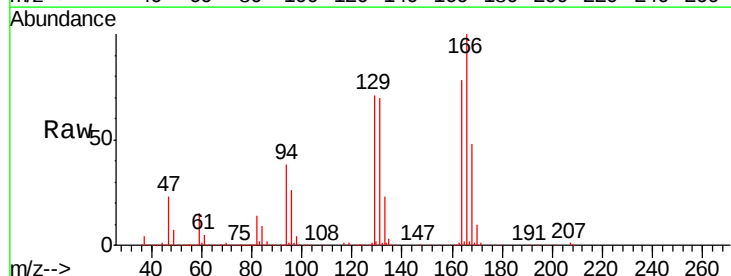
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

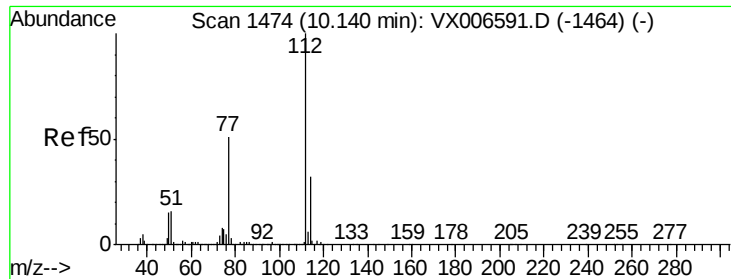
Tgt Ion:117 Resp: 723913
Ion Ratio Lower Upper
117 100
82 48.8 41.0 61.6
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 20.835 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion:164 Resp: 119435
Ion Ratio Lower Upper
164 100
166 128.6 102.5 153.7
129 91.6 75.1 112.7
131 89.9 72.7 109.1





#65

Chlorobenzene

Concen: 19.876 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

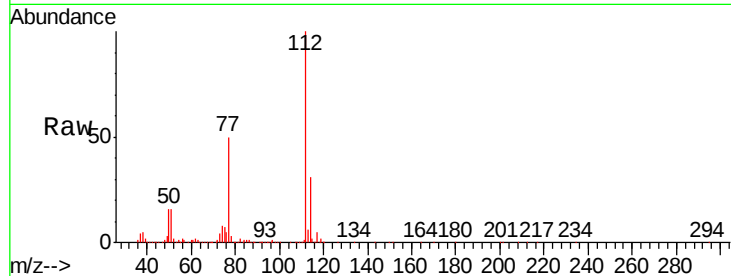
VX0103WBSD01

Tgt Ion:112 Resp: 304403

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

50000

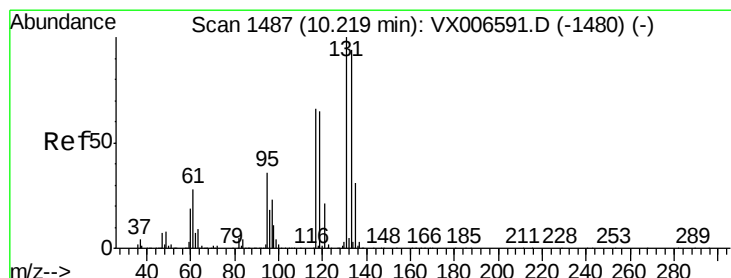
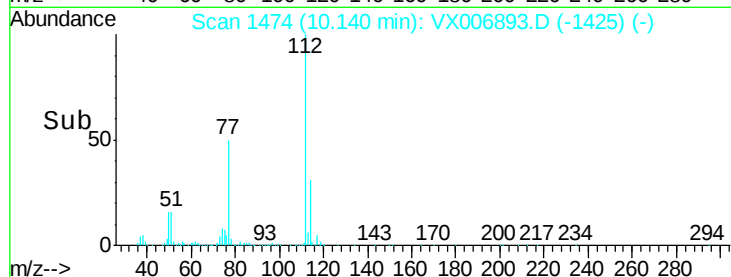
0

10.14

10.10

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.271 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

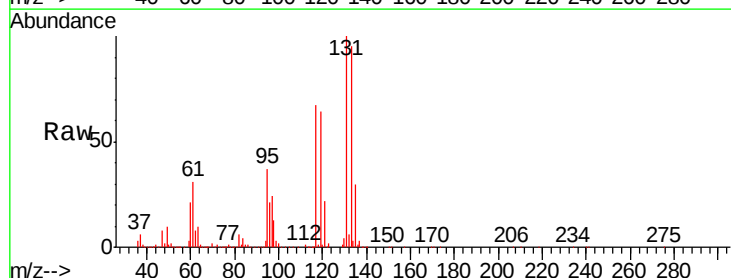
Tgt Ion:131 Resp: 106415

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

119 64.2 32.6 97.8



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

200000

150000

100000

50000

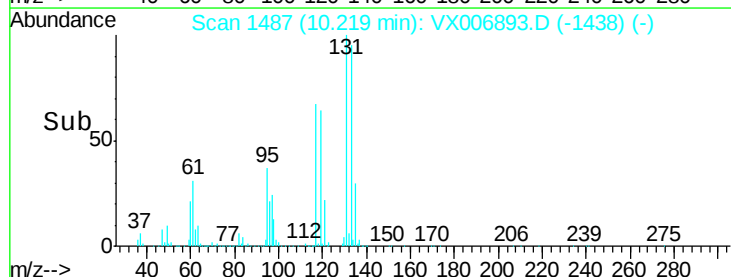
0

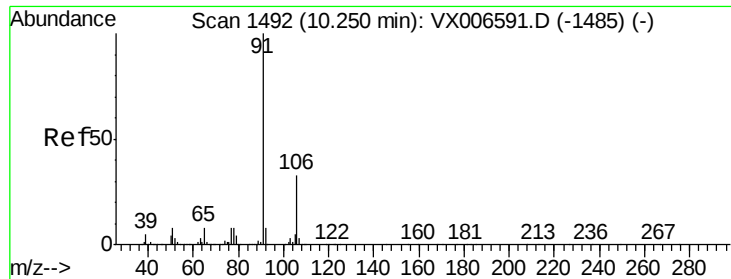
10.22

10.20

10.30

Time-->





#67

Ethyl Benzene

Concen: 19.712 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

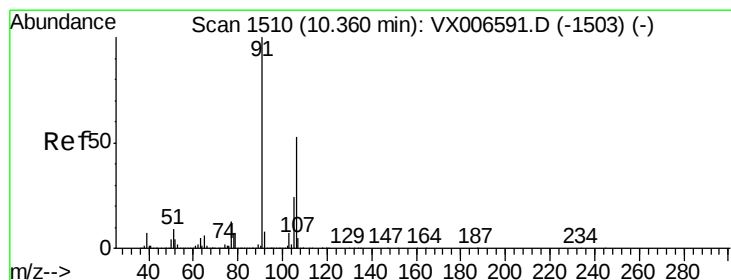
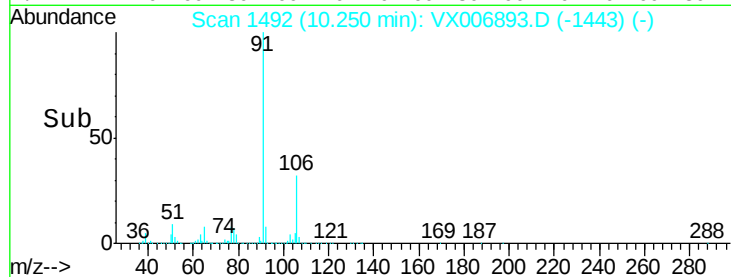
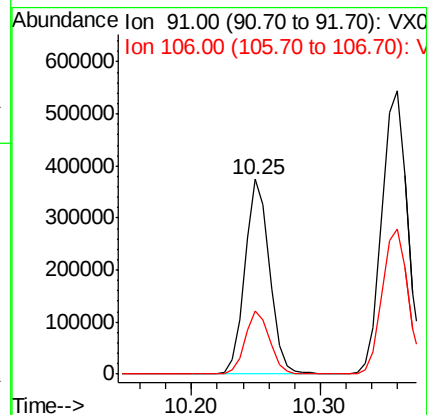
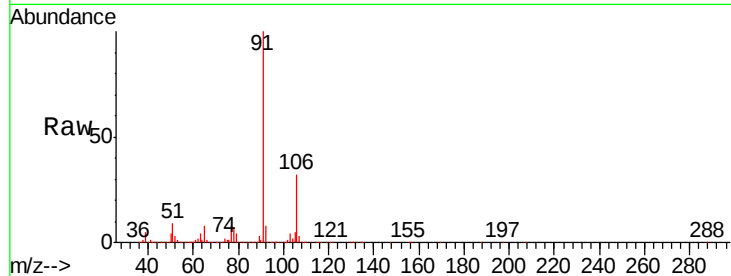
VX0103WBSD01

Tgt Ion: 91 Resp: 493315

Ion Ratio Lower Upper

91 100

106 32.3 26.4 39.6



#68

m/p-Xylenes

Concen: 39.168 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006893.D

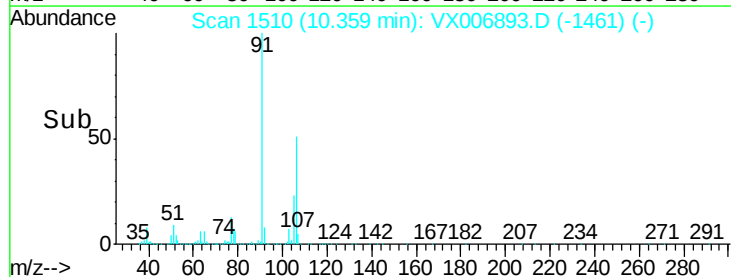
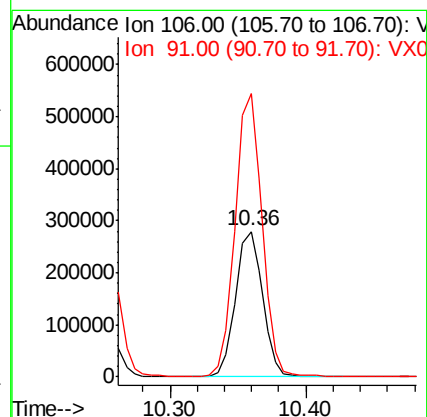
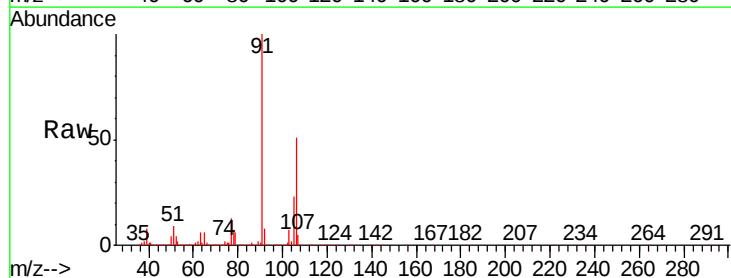
Acq: 03 Jan 2019 14:32

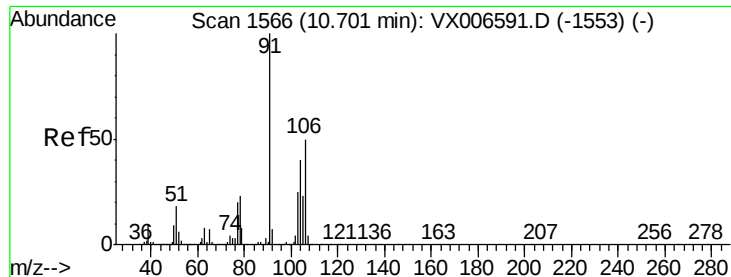
Tgt Ion: 106 Resp: 386789

Ion Ratio Lower Upper

106 100

91 194.2 155.8 233.6

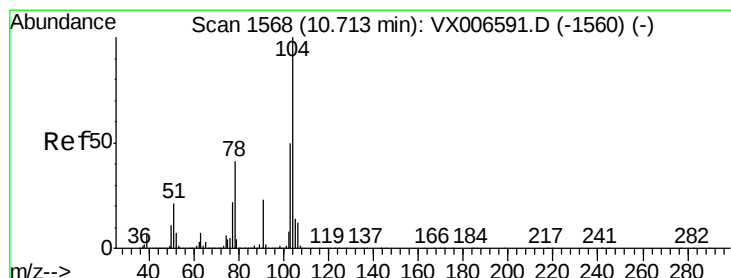
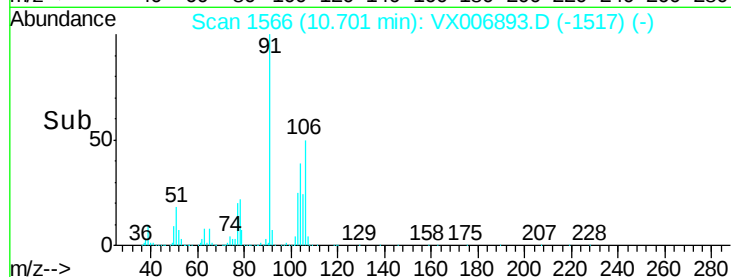
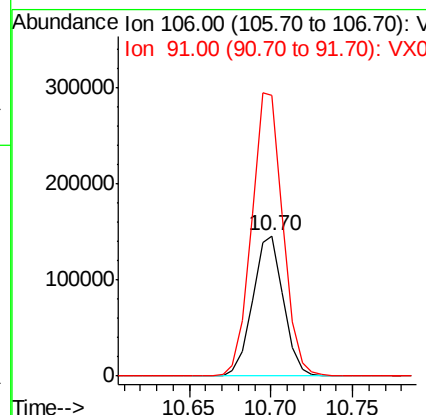
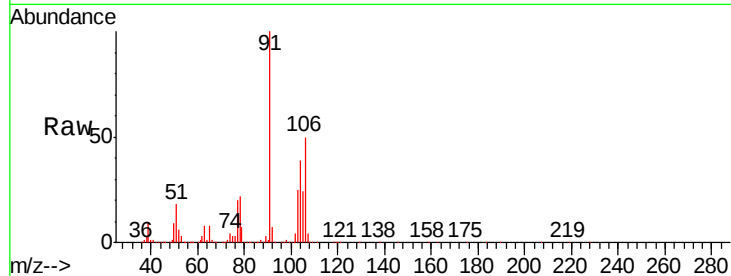




#69
o-Xylene
Concen: 19.695 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

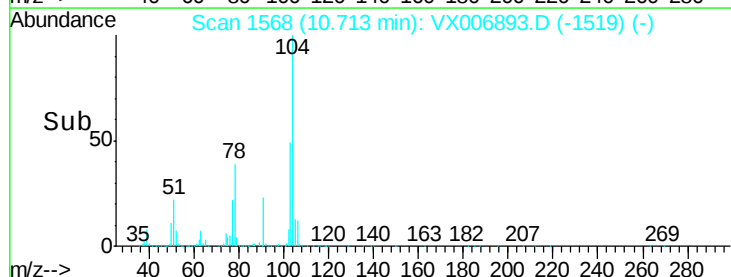
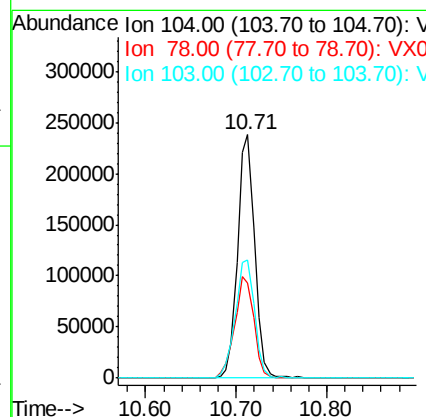
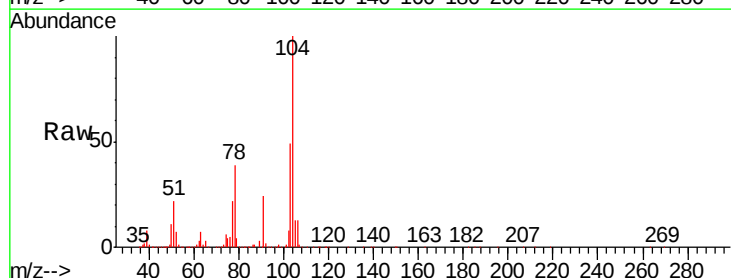
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

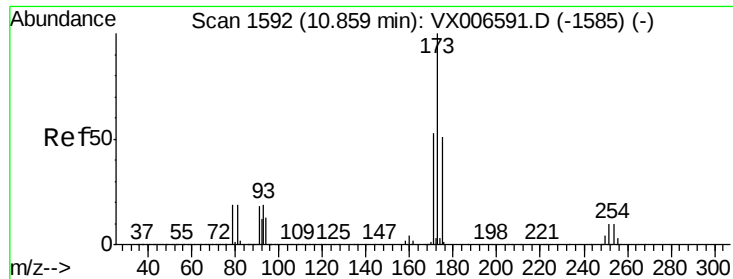
Tgt Ion:106 Resp: 192055
Ion Ratio Lower Upper
106 100
91 205.2 101.3 303.7



#70
Styrene
Concen: 20.232 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion:104 Resp: 312126
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 55.2 43.8 65.8





#71

Bromoform

Concen: 20.151 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

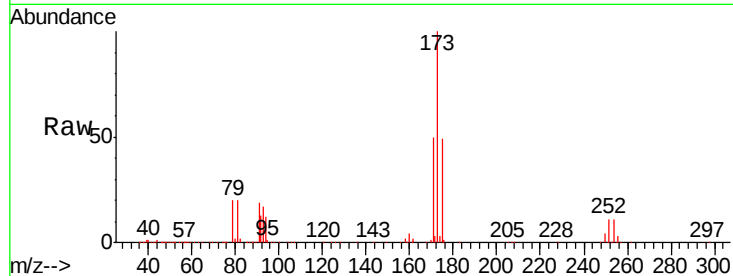
Tgt Ion:173 Resp: 74251

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

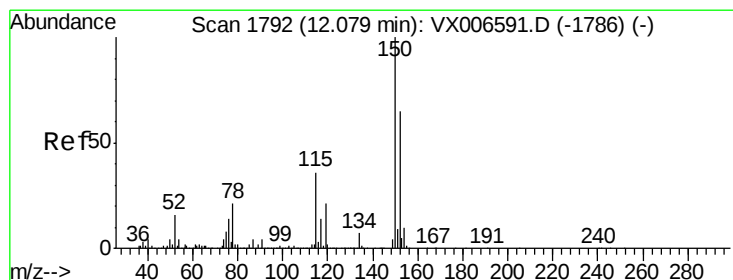
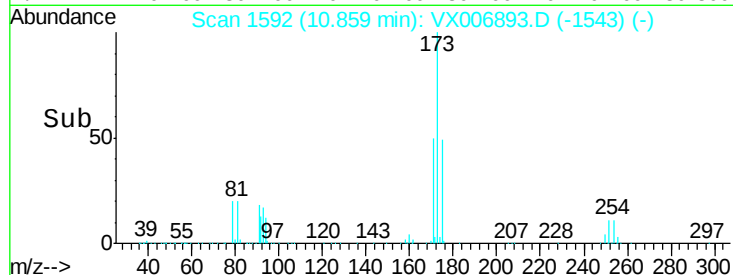
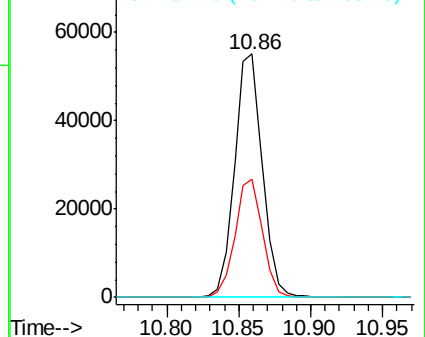
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

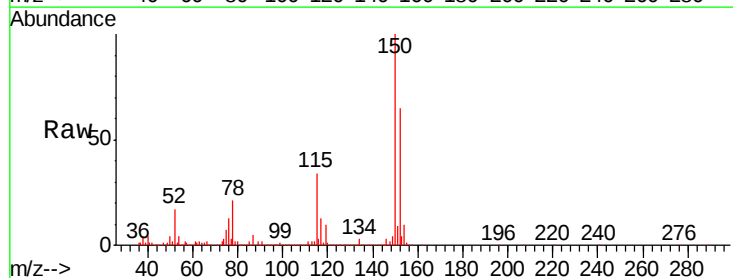
Tgt Ion:152 Resp: 367368

Ion Ratio Lower Upper

152 100

115 63.3 39.1 117.2

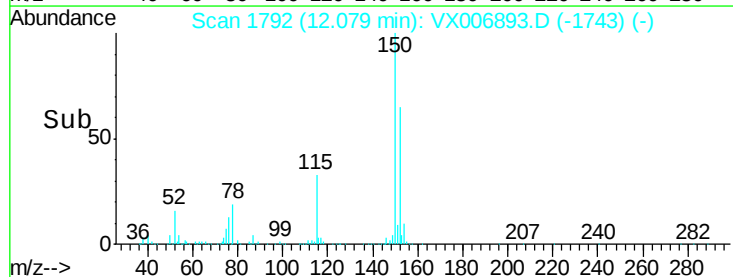
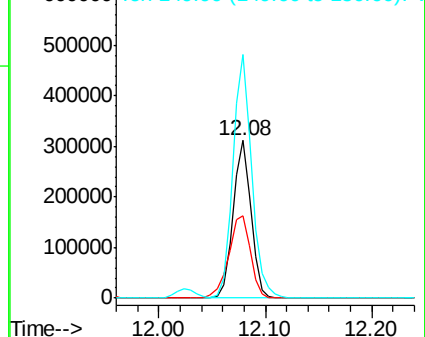
150 162.0 0.0 344.8

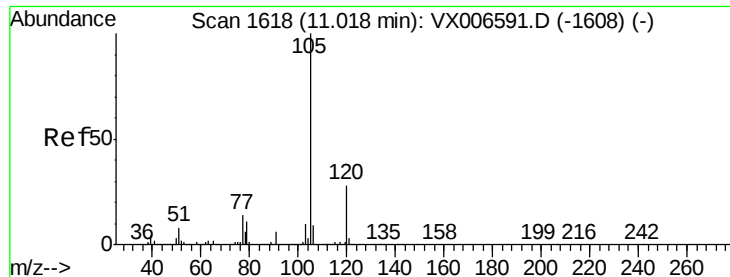


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.066 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

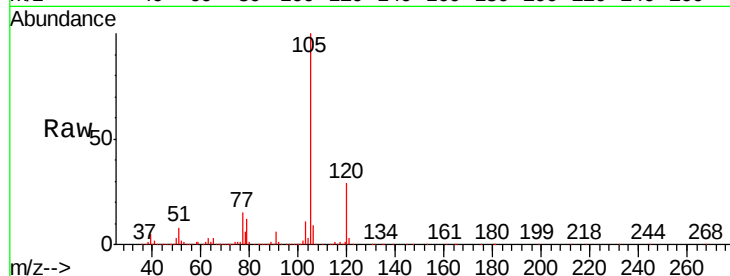
VX0103WBSD01

Tgt Ion: 105 Resp: 504311

Ion Ratio Lower Upper

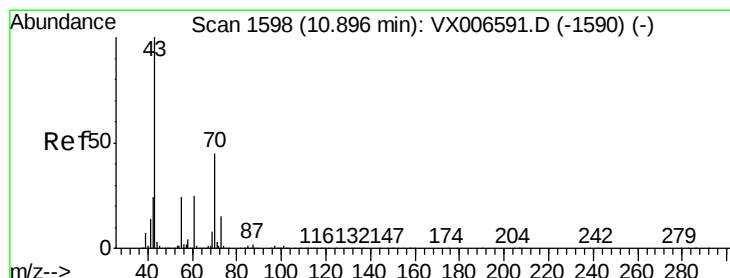
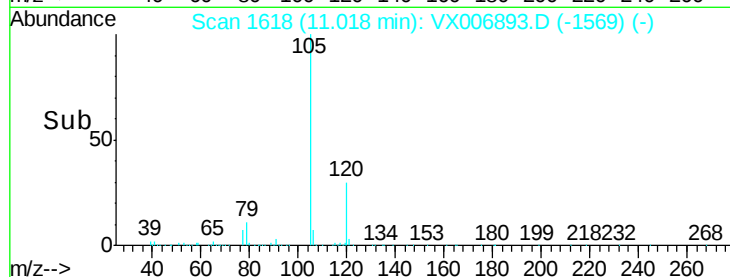
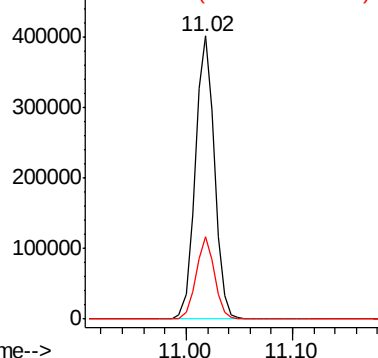
105 100

120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.502 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion: 43 Resp: 202428

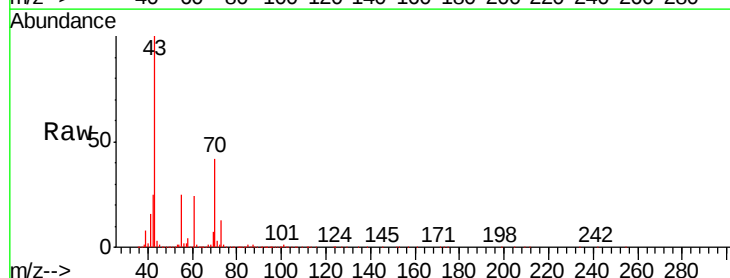
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.8 19.4 29.0

61 24.6 20.1 30.1

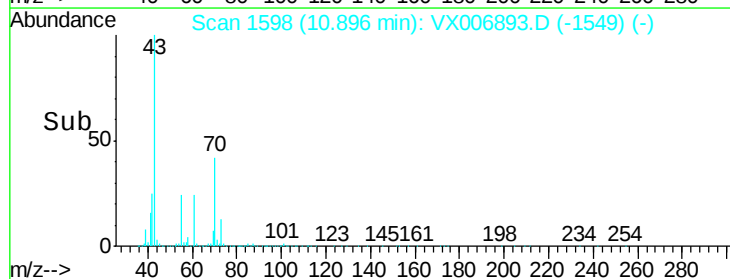
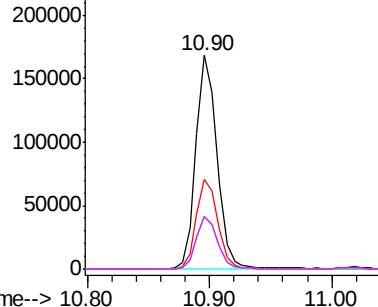


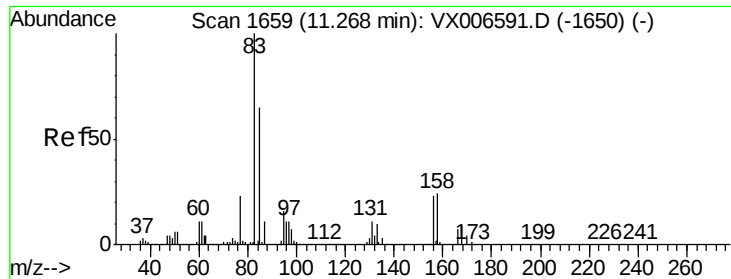
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.864 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0103WBSD01

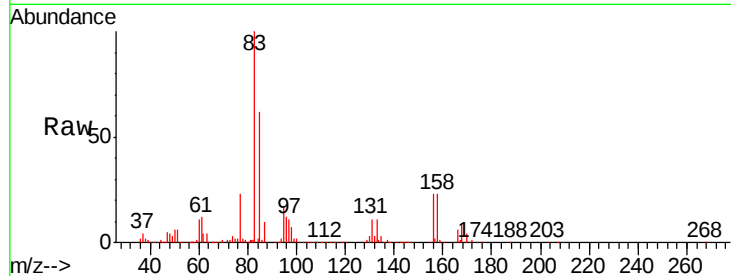
Tgt Ion: 83 Resp: 163417

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.1

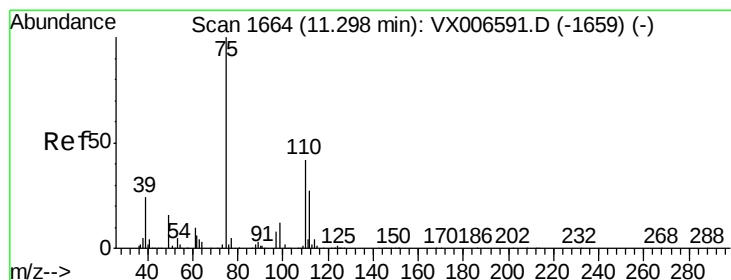
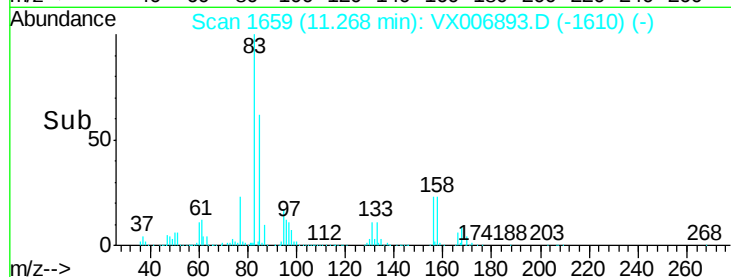
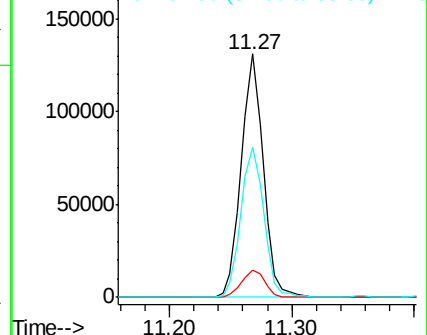
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.669 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006893.D

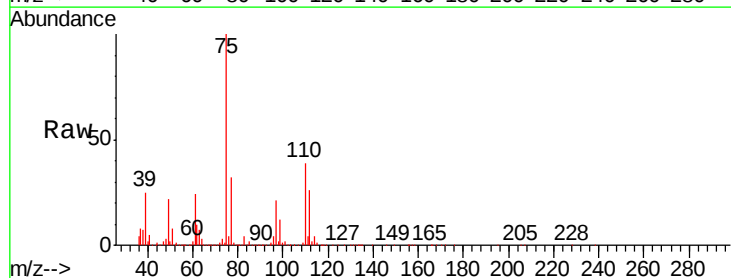
Acq: 03 Jan 2019 14:32

Tgt Ion: 75 Resp: 182073

Ion Ratio Lower Upper

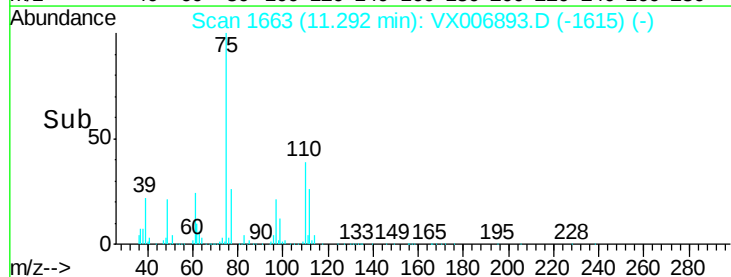
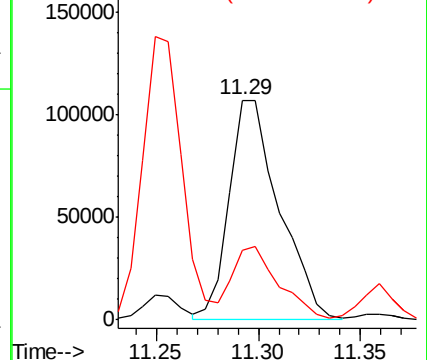
75 100

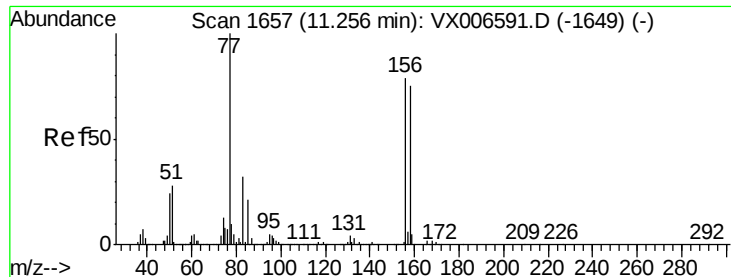
77 30.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.312 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

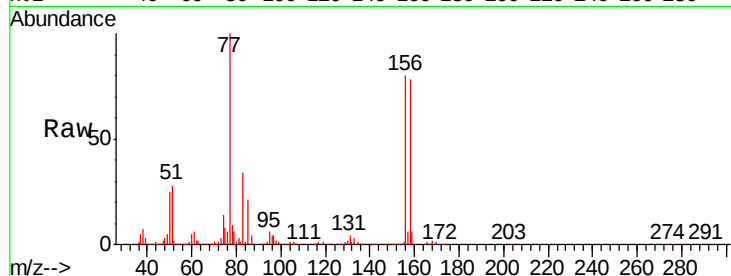
Tgt Ion:156 Resp: 138011

Ion Ratio Lower Upper

156 100

77 134.7 68.0 204.0

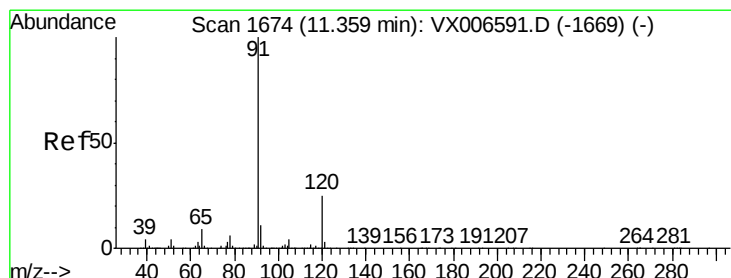
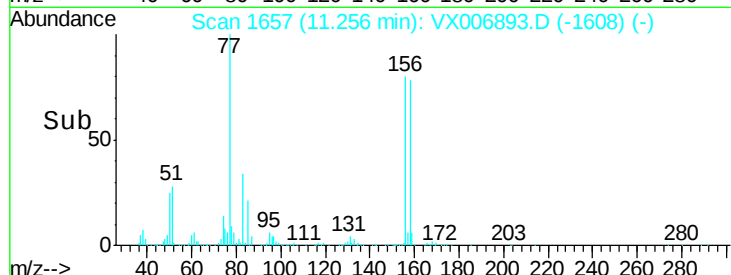
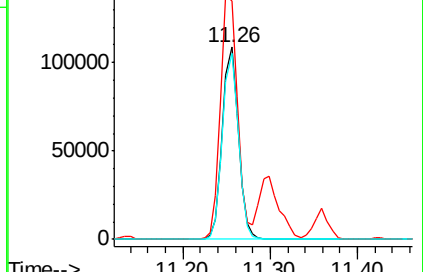
158 97.3 48.3 144.8



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: 20.156 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006893.D

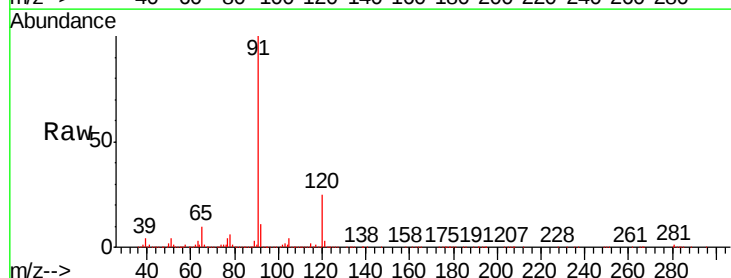
Acq: 03 Jan 2019 14:32

Tgt Ion: 91 Resp: 557837

Ion Ratio Lower Upper

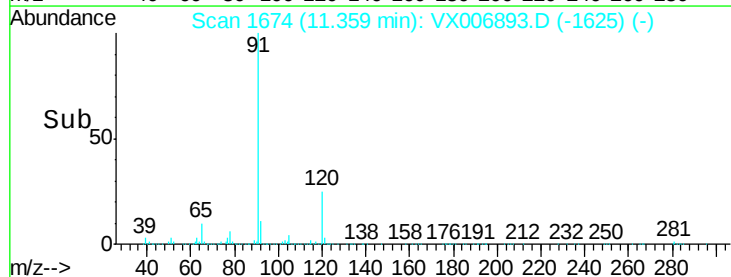
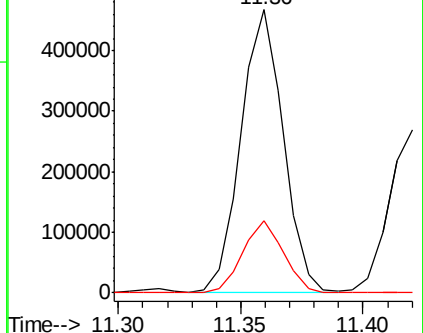
91 100

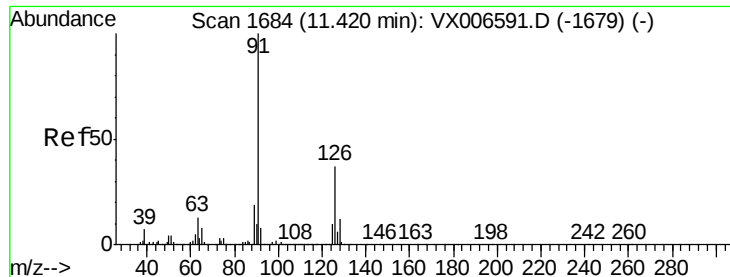
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.808 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

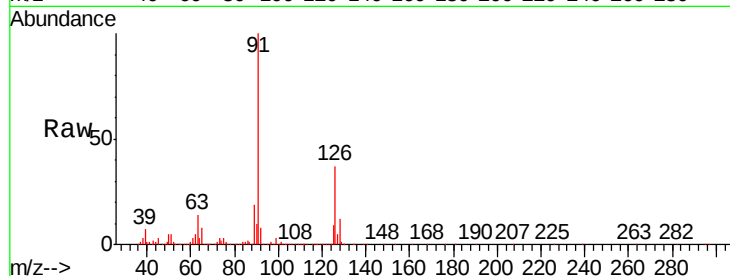
VX0103WBSD01

Tgt Ion: 91 Resp: 332223

Ion Ratio Lower Upper

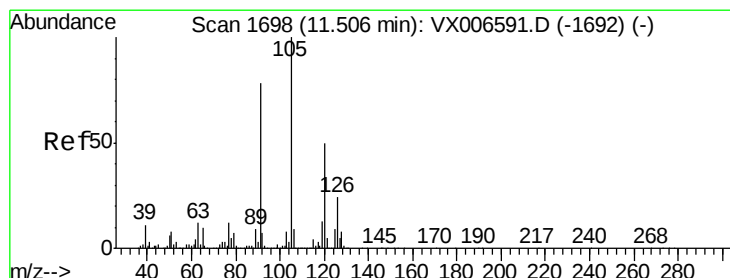
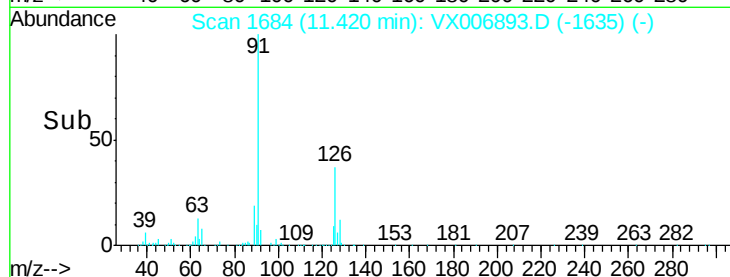
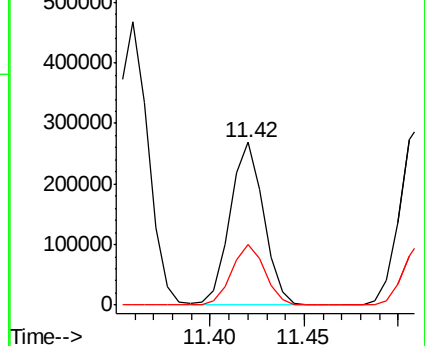
91 100

126 37.0 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006893.D

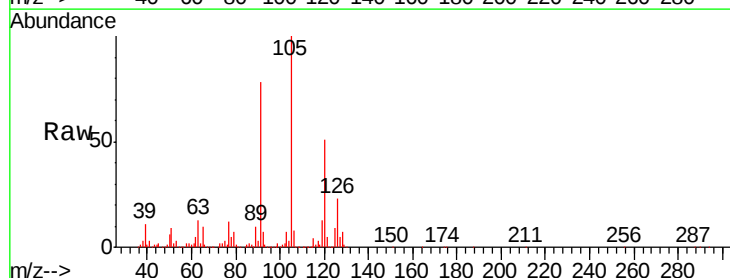
Acq: 03 Jan 2019 14:32

Tgt Ion: 105 Resp: 410886

Ion Ratio Lower Upper

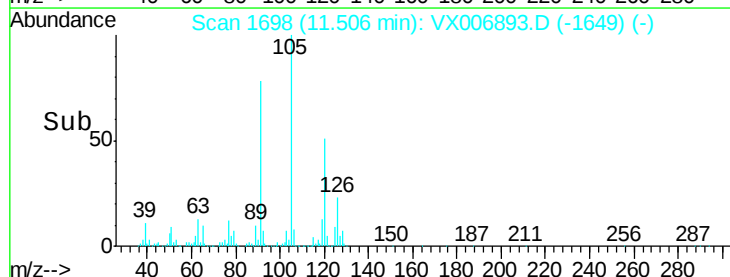
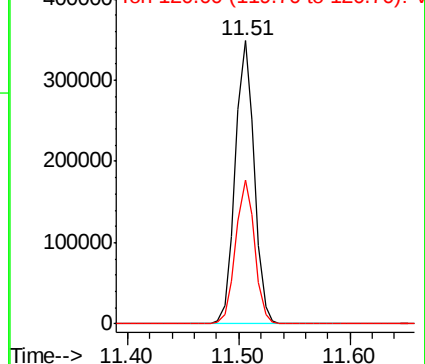
105 100

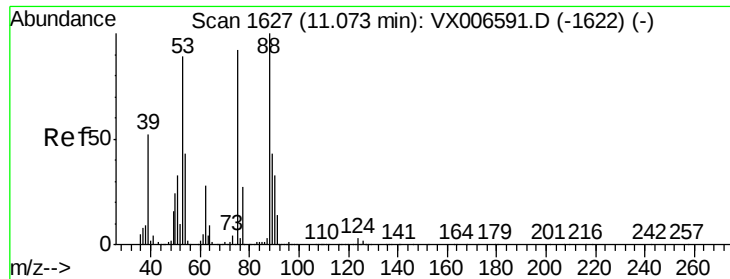
120 50.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

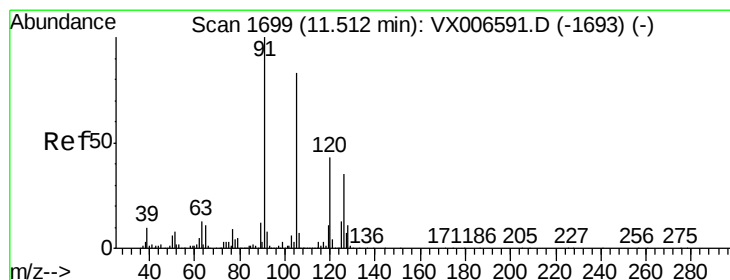
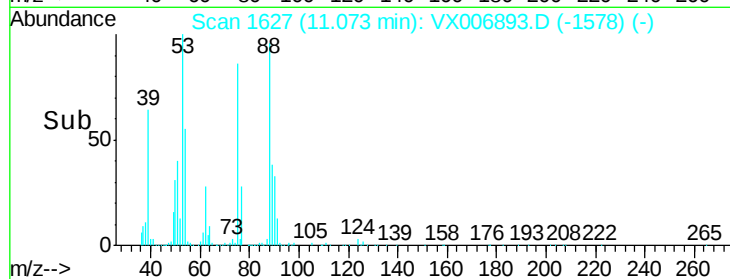
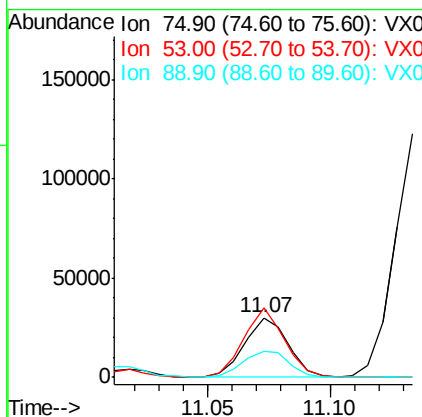
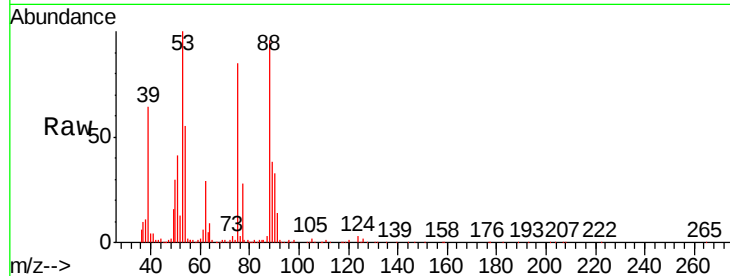




#81
trans-1,4-Dichloro-2-butene
Concen: 19.394 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

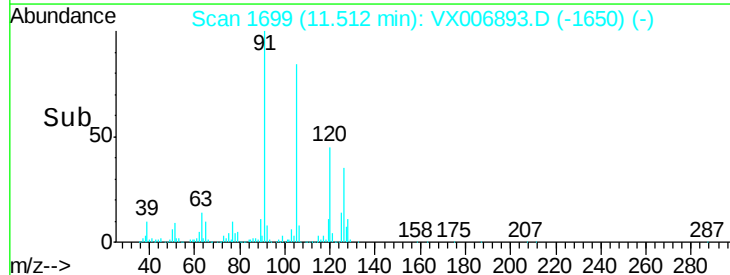
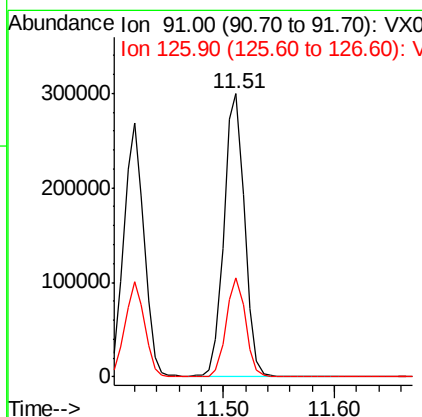
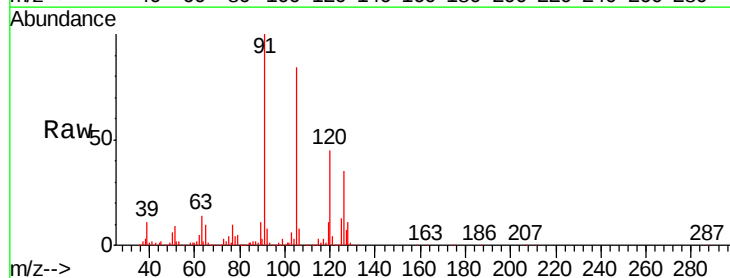
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

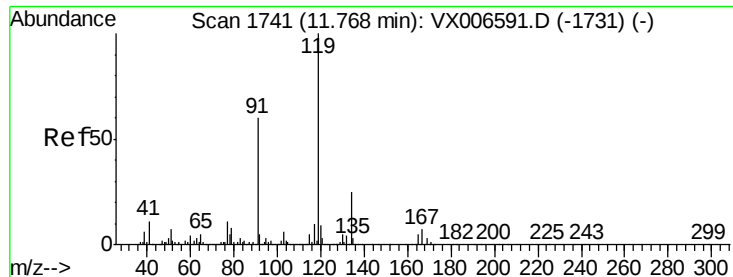
Tgt Ion: 75 Resp: 37160
Ion Ratio Lower Upper
75 100
53 110.8 79.7 119.5
89 47.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.922 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 91 Resp: 383259
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9

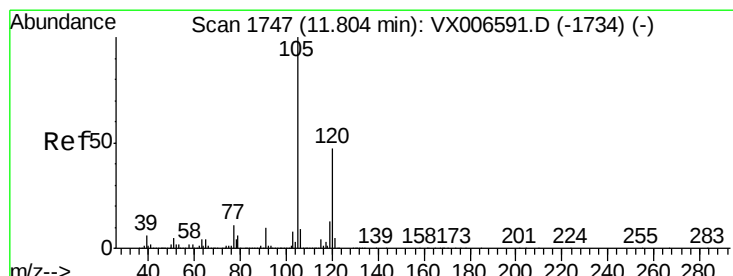
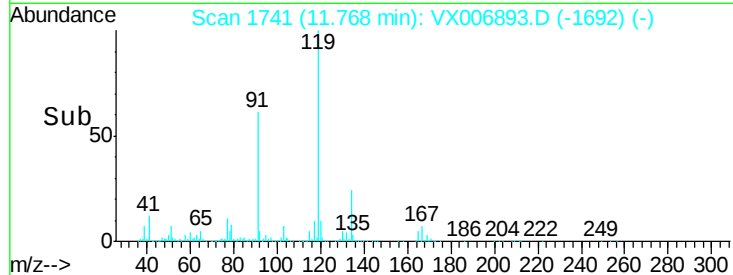
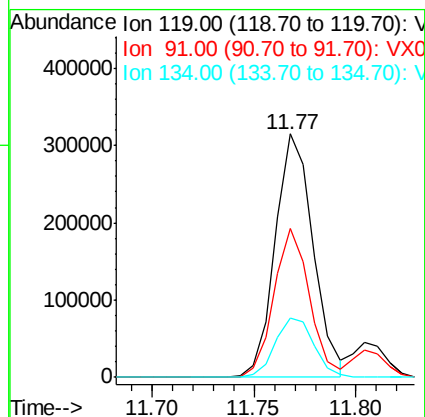
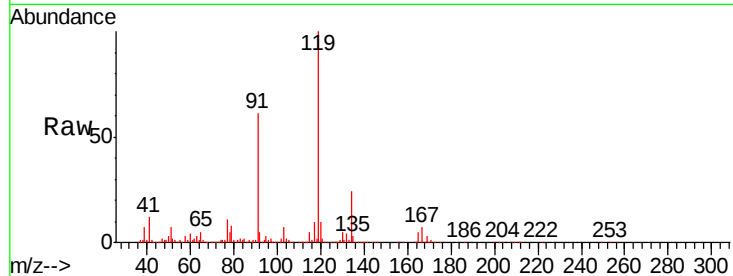




#83
tert-Butylbenzene
Concen: 19.740 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

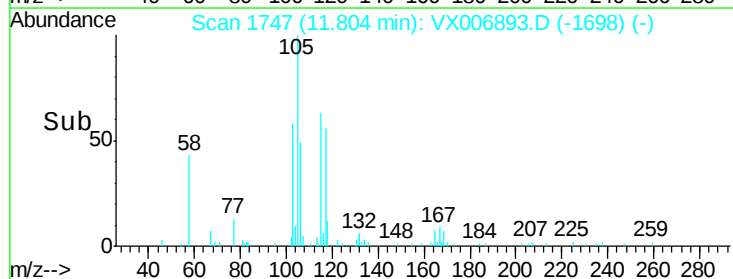
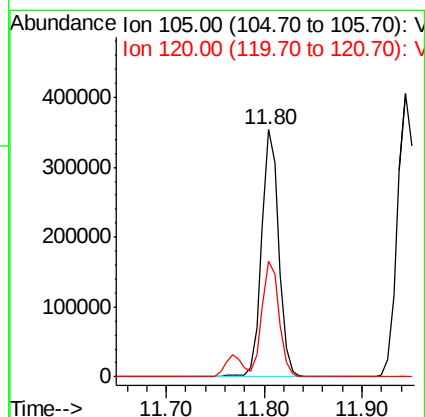
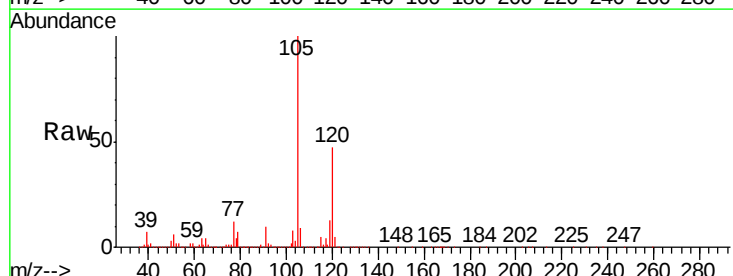
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

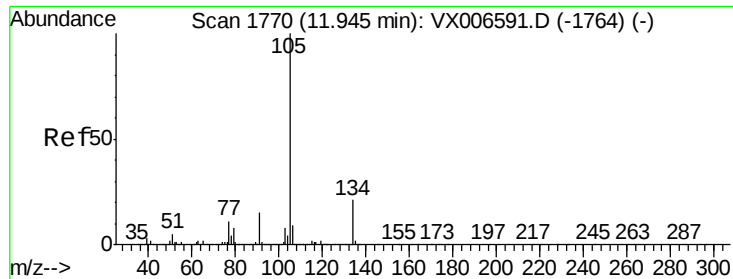
Tgt Ion:119 Resp: 408973
Ion Ratio Lower Upper
119 100
91 57.3 27.7 83.1
134 25.0 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 19.602 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion:105 Resp: 426801
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

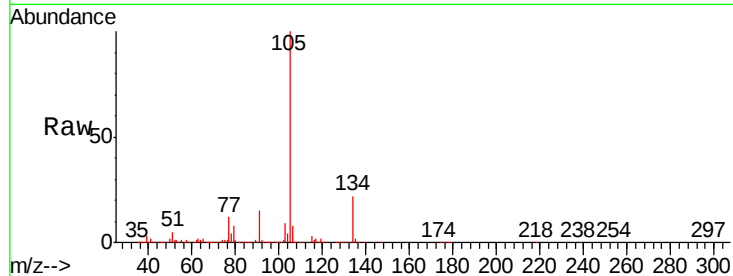
VX0103WBSD01

Tgt Ion:105 Resp: 496354

Ion Ratio Lower Upper

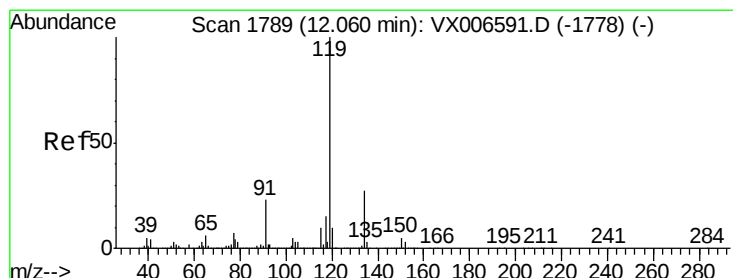
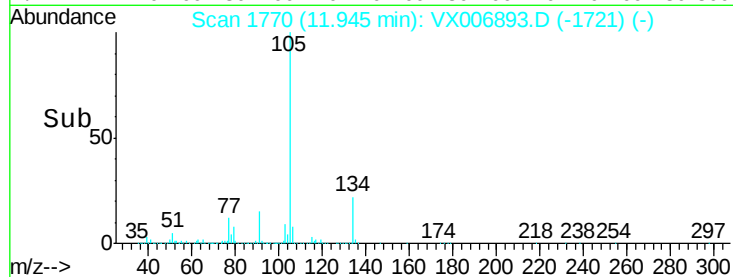
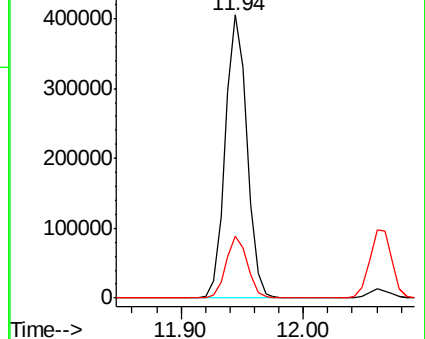
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.952 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

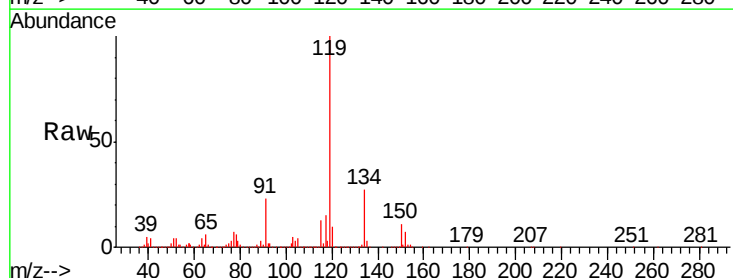
Tgt Ion:119 Resp: 445517

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

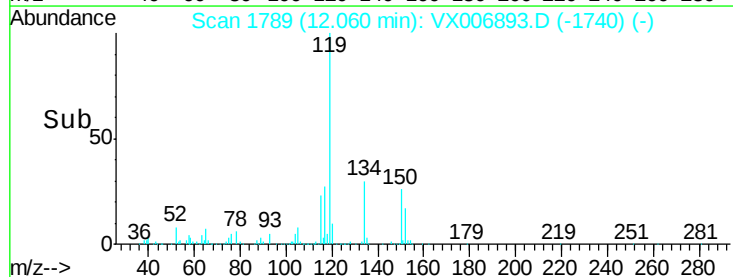
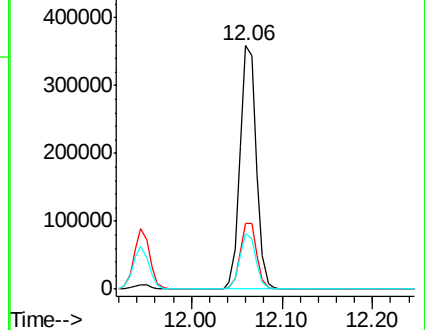
91 22.8 11.3 33.9

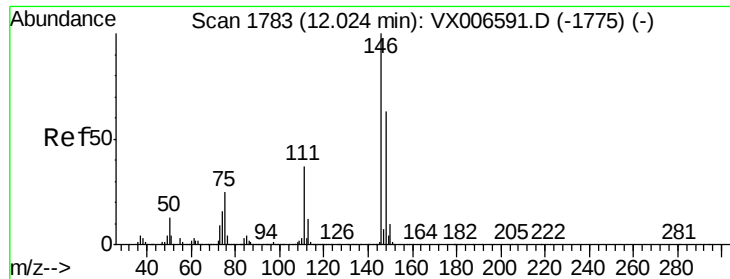


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.538 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

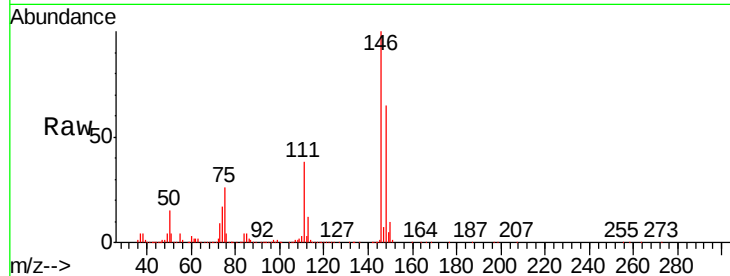
Tgt Ion:146 Resp: 239251

Ion Ratio Lower Upper

146 100

111 38.4 18.6 55.8

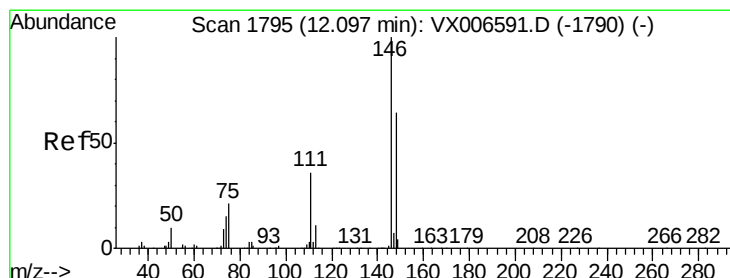
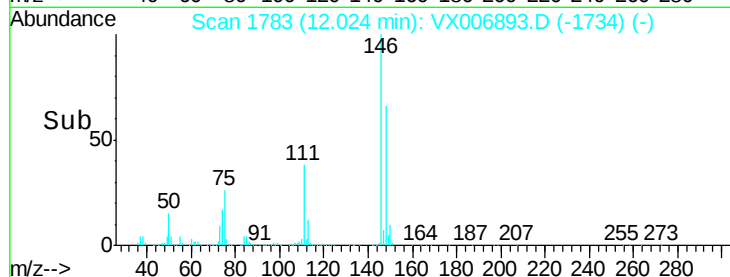
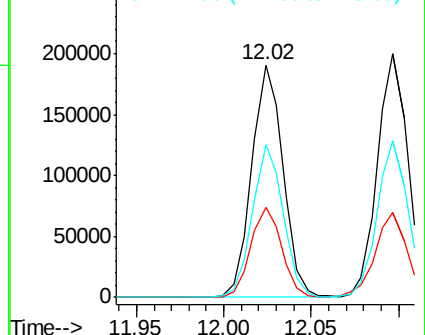
148 64.6 31.8 95.3



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: 19.389 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

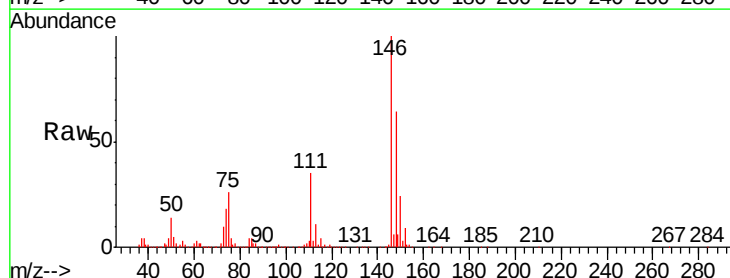
Tgt Ion:146 Resp: 243404

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

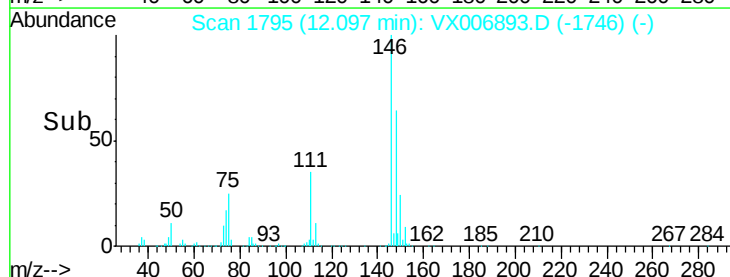
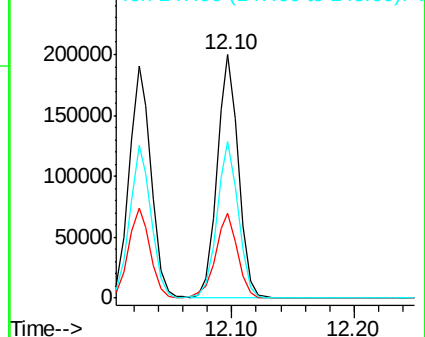
148 64.3 31.9 95.9

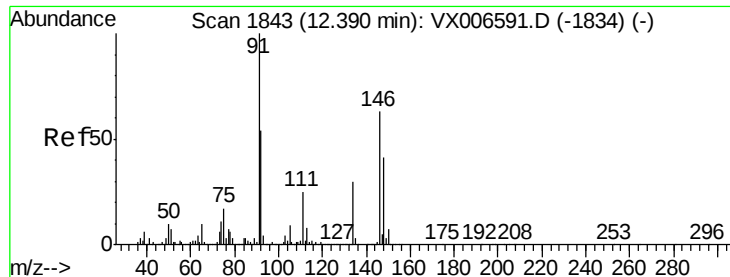


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

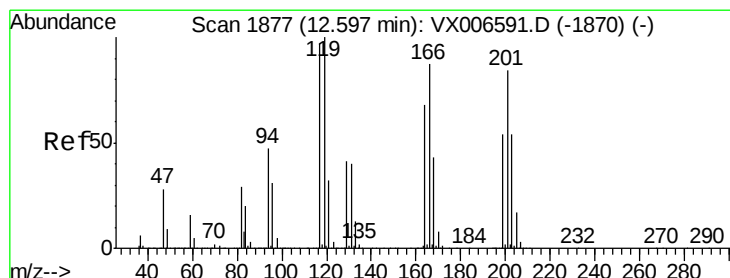
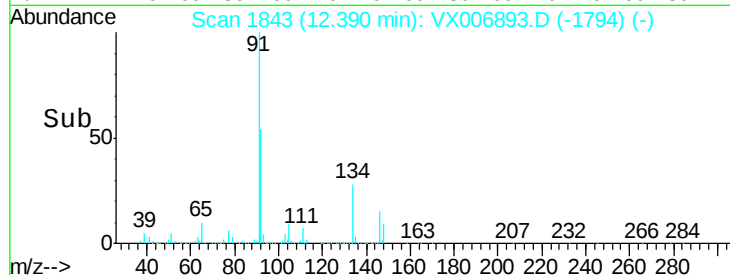
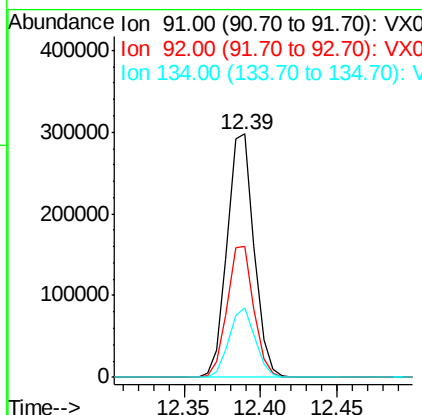
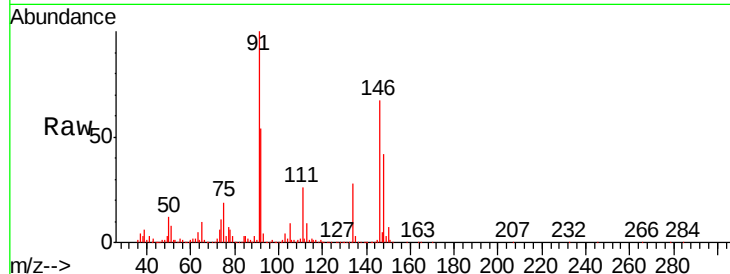




#89
n-Butylbenzene
Concen: 19.135 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

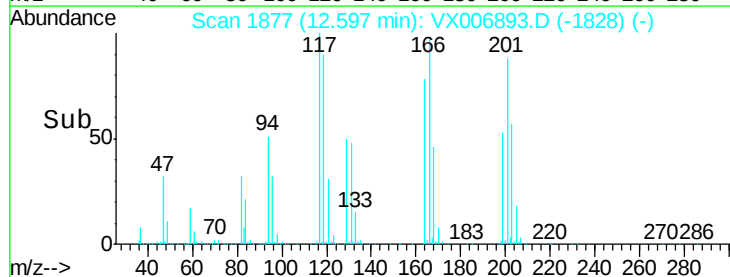
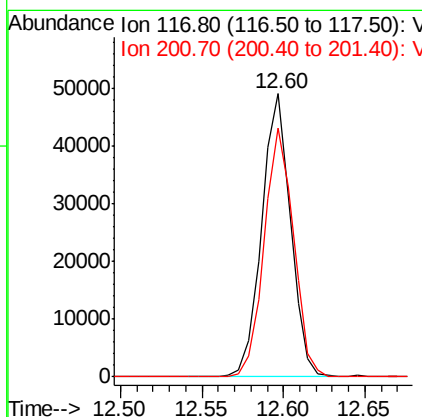
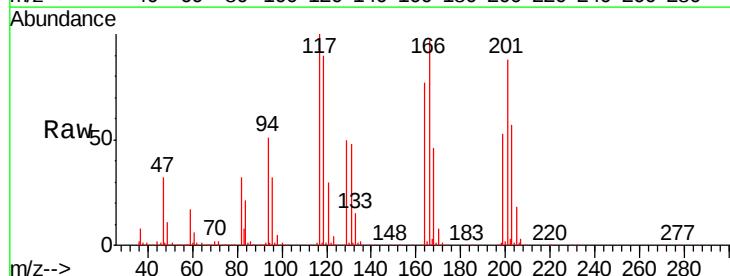
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

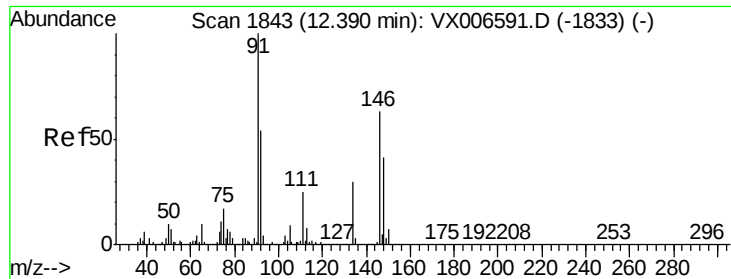
Tgt Ion: 91 Resp: 363622
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.4
134 27.7 14.4 43.2



#90
Hexachloroethane
Concen: 19.445 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 117 Resp: 60425
Ion Ratio Lower Upper
117 100
201 89.0 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 20.145 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

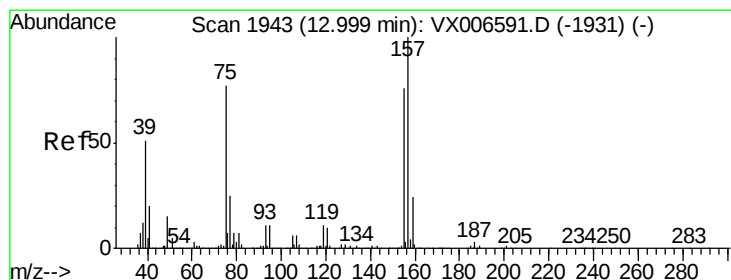
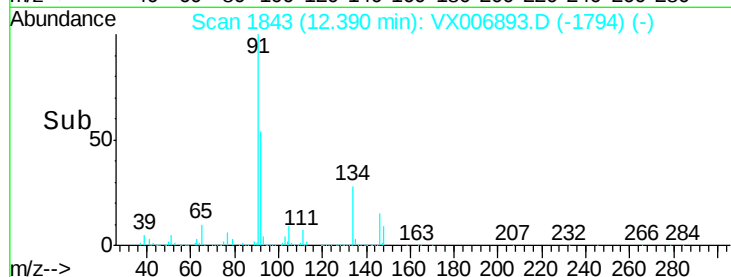
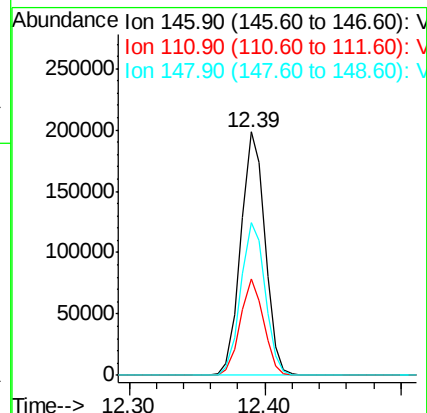
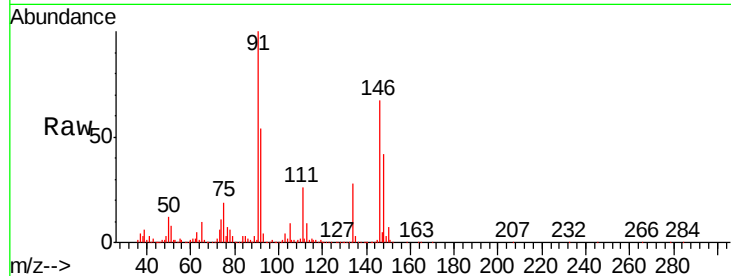
Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tgt Ion:	146	Resp:	246777
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	63.3	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.573 ug/l

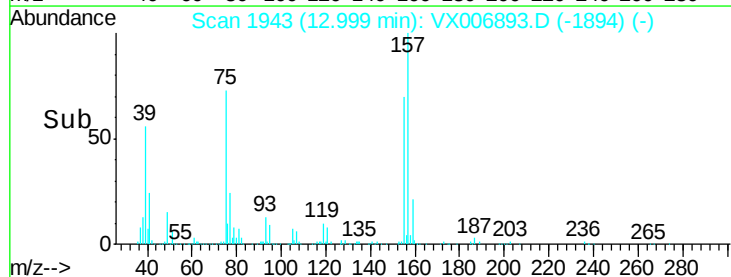
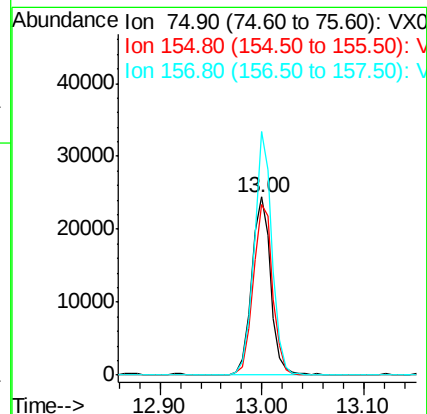
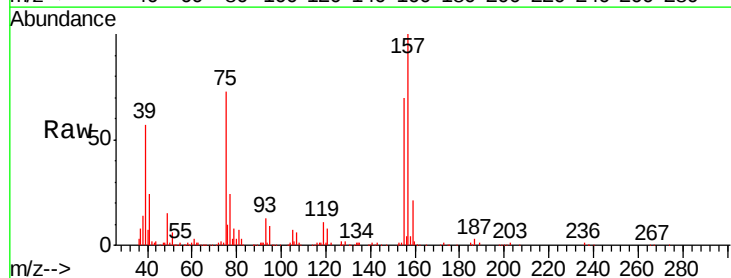
RT: 13.00 min Scan# 1943

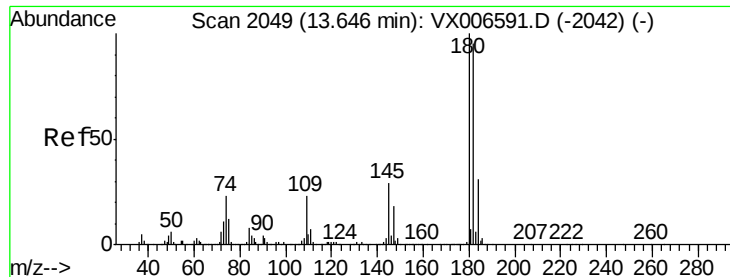
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	75	Resp:	31817
Ion	Ratio	Lower	Upper
75	100		
155	97.3	50.6	151.8
157	128.0	64.6	193.8

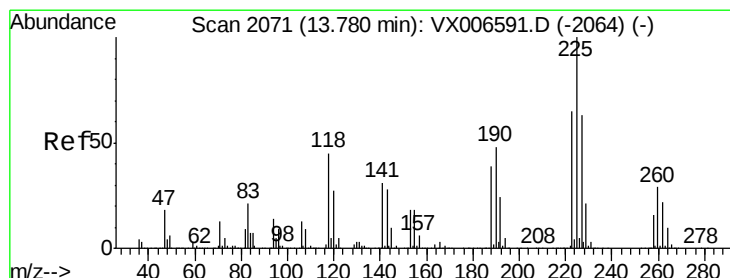
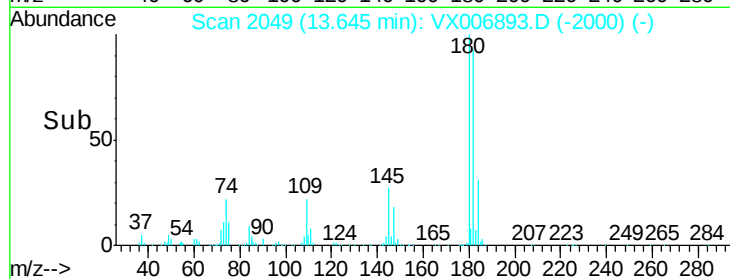
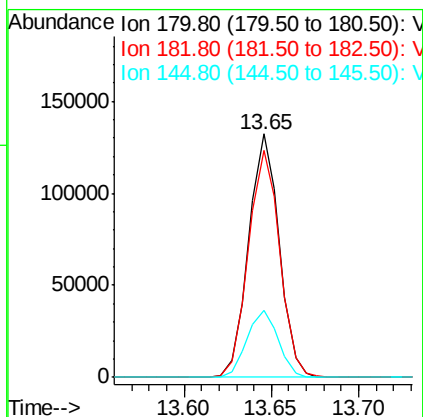
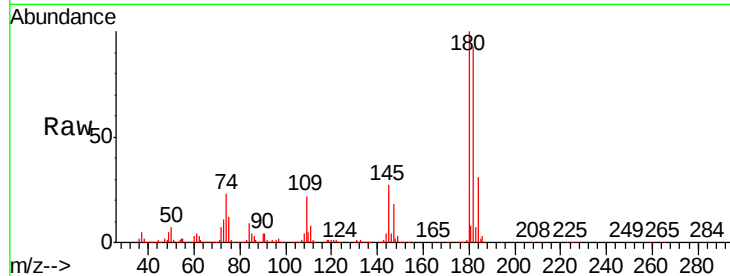




#93
 1,2,4-Trichlorobenzene
 Concen: 18.946 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

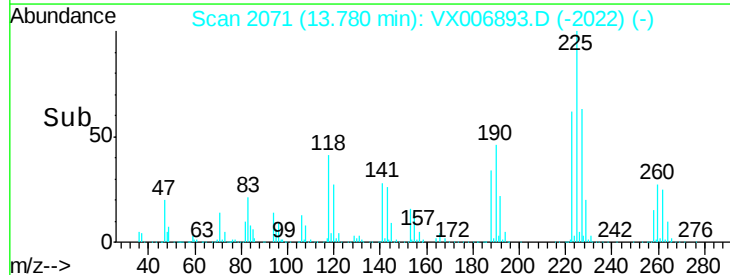
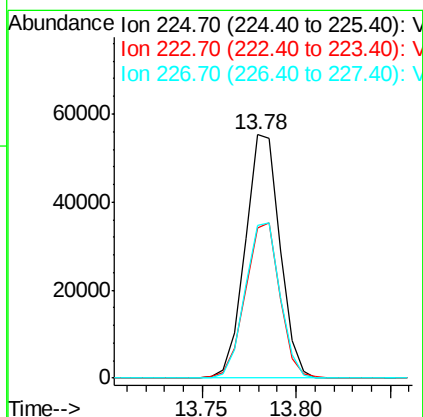
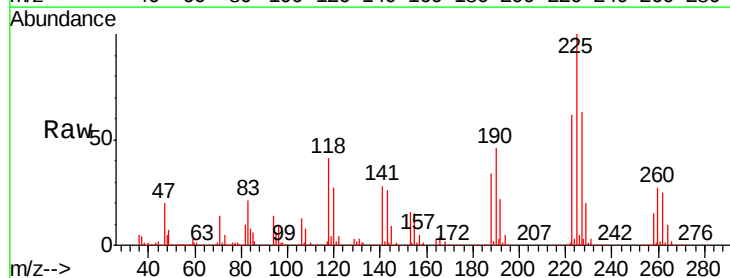
Instrument :
 MSVOA_X
 ClientSampled :
 VX0103WBSD01

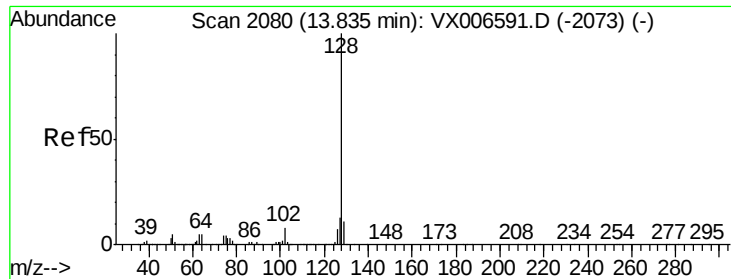
Tgt Ion:180 Resp: 160094
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 28.3 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.777 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion:225 Resp: 70804
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.1 96.3
 227 63.6 32.3 96.8





#95

Naphthalene

Concen: 18.920 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

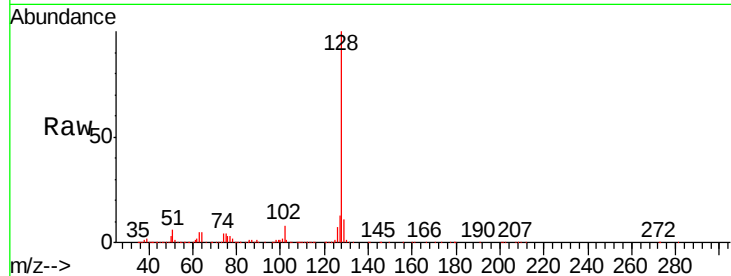
Tgt Ion:128 Resp: 510255

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

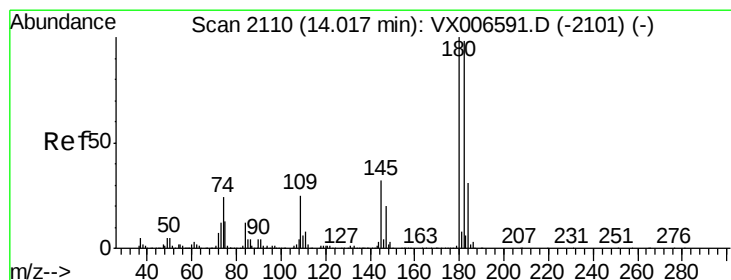
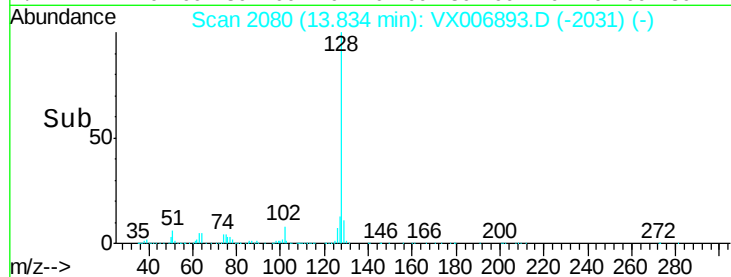
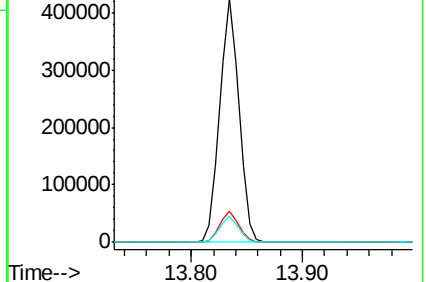
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.910 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

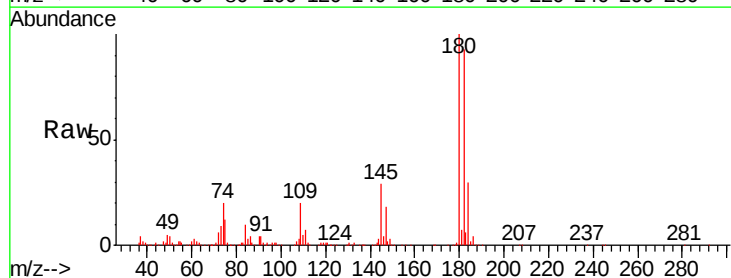
Tgt Ion:180 Resp: 164979

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.5

145 30.7 16.0 47.9



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

