

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040919\
 Data File : VX008766.D
 Acq On : 09 Apr 2019 13:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Apr 09 13:21:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124114	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.49	113	92689	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	360473	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.13	95	127191	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	92986	44.307	ug/l	100
3) Chloromethane	1.32	50	116670	45.199	ug/l	100
4) Vinyl Chloride	1.41	62	124617	43.926	ug/l	99
5) Bromomethane	1.64	94	63974	45.935	ug/l	100
6) Chloroethane	1.71	64	74790	48.160	ug/l	99
7) Trichlorofluoromethane	1.92	101	151848	48.420	ug/l	99
8) Diethyl Ether	2.18	74	70050	47.102	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101749	50.393	ug/l	99
10) Methyl Iodide	2.50	142	94320	51.188	ug/l	99
11) Tert butyl alcohol	3.06	59	149296	239.809	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98429	46.698	ug/l	99
13) Acrolein	2.29	56	85555	277.147	ug/l	100
14) Allyl chloride	2.72	41	234515	48.602	ug/l	99
15) Acrylonitrile	3.14	53	389977	236.454	ug/l	99
16) Acetone	2.45	43	369407	241.183	ug/l	100
17) Carbon Disulfide	2.56	76	275173	45.137	ug/l	100
18) Methyl Acetate	2.78	43	182497	49.129	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	376299	49.991	ug/l	100
20) Methylene Chloride	2.85	84	113349	44.211	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106367	46.654	ug/l	97
22) Diisopropyl ether	3.85	45	453861	48.801	ug/l	97
23) Vinyl Acetate	3.81	43	2018688	249.511	ug/l	100
24) 1,1-Dichloroethane	3.69	63	224812	48.823	ug/l	99
25) 2-Butanone	4.67	43	588683	243.176	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165676	51.085	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	125617	47.922	ug/l	99
28) Bromochloromethane	5.01	49	105627	55.232	ug/l	100
29) Tetrahydrofuran	5.13	42	382897	238.306	ug/l	100
30) Chloroform	5.21	83	201108	48.899	ug/l	98
31) Cyclohexane	5.57	56	217641	47.369	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165333	49.747	ug/l	100
36) 1,1-Dichloropropene	5.79	75	159460	48.896	ug/l	100
37) Ethyl Acetate	4.83	43	219360	50.392	ug/l	100
38) Carbon Tetrachloride	5.78	117	138359	51.259	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201277	49.961	ug/l	99
40) Benzene	6.14	78	475520	48.944	ug/l	100
41) Methacrylonitrile	5.04	41	125307	50.079	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169993	48.806	ug/l	99
43) Isopropyl Acetate	6.45	43	344243	50.482	ug/l	100
44) Trichloroethene	7.21	130	112725	49.816	ug/l	100
45) 1,2-Dichloropropane	7.51	63	136383	49.181	ug/l	100
46) Dibromomethane	7.66	93	77474	48.171	ug/l	99
47) Bromodichloromethane	7.90	83	156415	51.580	ug/l	98
48) Methyl methacrylate	7.77	41	172884	50.120	ug/l	99
49) 1,4-Dioxane	7.74	88	61830	956.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1092574	248.896	ug/l	100
52) Toluene	8.78	92	281219	49.097	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	180163	53.037	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201701	51.965	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115351	50.170	ug/l	98
56) Ethyl methacrylate	9.18	69	208963	50.232	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204247	49.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	574460	270.440	ug/l	100
59) 2-Hexanone	9.49	43	847218	248.347	ug/l	100
60) Dibromochloromethane	9.58	129	113345	52.315	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117732	49.187	ug/l	99
64) Tetrachloroethene	9.34	164	99017	51.909	ug/l	98
65) Chlorobenzene	10.13	112	284239	49.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104960	52.424	ug/l	99
67) Ethyl Benzene	10.25	91	534228	50.201	ug/l	98
68) m/p-Xylenes	10.36	106	388302	101.483	ug/l	98
69) o-Xylene	10.69	106	187007	50.432	ug/l	99
70) Styrene	10.71	104	329793	51.596	ug/l	99
71) Bromoform	10.85	173	81642	53.391	ug/l #	99
73) Isopropylbenzene	11.02	105	504846	49.437	ug/l	100
74) N-amyl acetate	10.90	43	293564	48.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182383	46.960	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	218912	64.670	ug/l	80
77) Bromobenzene	11.26	156	118409	48.233	ug/l	100
78) n-propylbenzene	11.36	91	595597	50.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	346675	48.179	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	433126	50.528	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64200	52.279	ug/l	99
82) 4-Chlorotoluene	11.51	91	402397	48.312	ug/l	98
83) tert-Butylbenzene	11.77	119	405925	49.221	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	434623	50.073	ug/l	100
85) sec-Butylbenzene	11.94	105	495031	50.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	452228	51.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216025	49.153	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	215831	48.497	ug/l	99
89) n-Butylbenzene	12.38	91	432961	52.509	ug/l	100
90) Hexachloroethane	12.60	117	75167	51.545	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	212737	48.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41979	49.135	ug/l	99

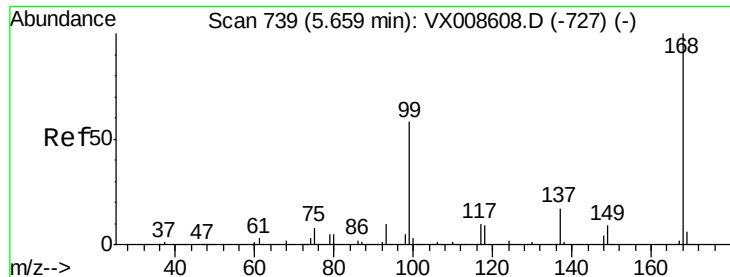
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156129	51.460	ug/l	99
94) Hexachlorobutadiene	13.78	225	77802	53.470	ug/l	99
95) Naphthalene	13.83	128	516767	50.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	155872	51.420	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

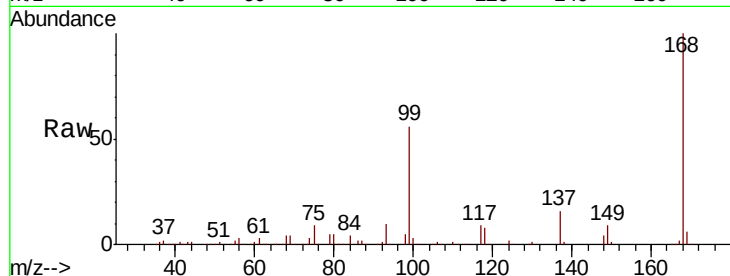
BFB

Tgt Ion:168 Resp: 182320

Ion Ratio Lower Upper

168 100

99 56.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

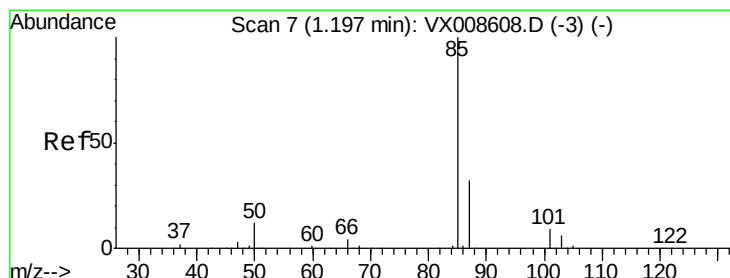
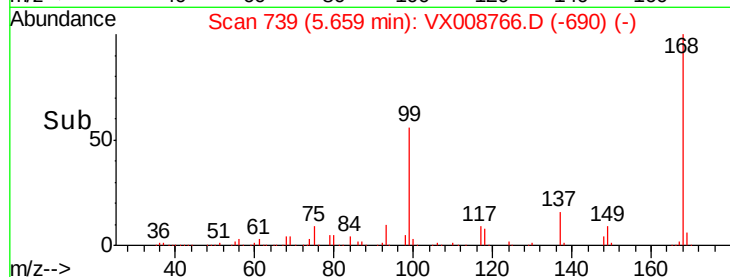
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.307 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008766.D

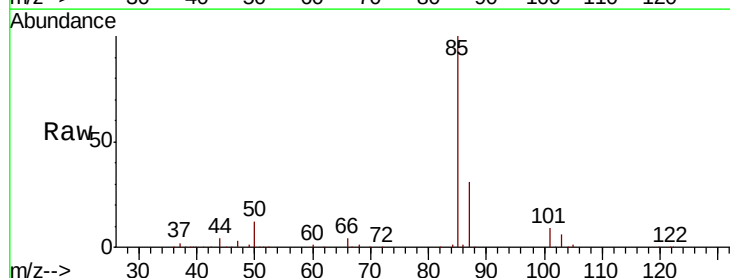
Acq: 09 Apr 2019 13:00

Tgt Ion: 85 Resp: 92986

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

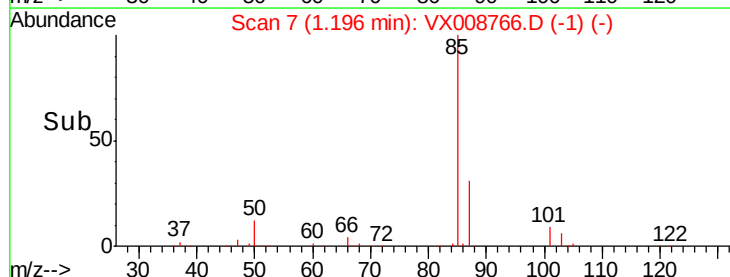
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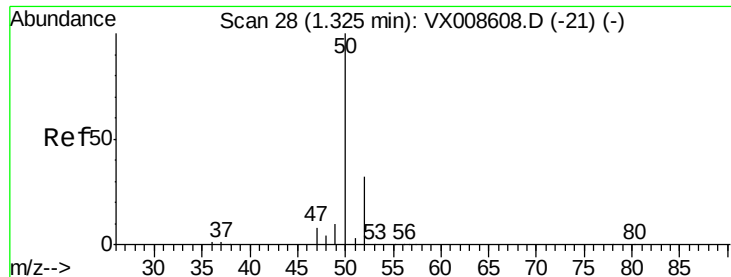
40000

20000

0

Time--> 1.15 1.20 1.25 1.30

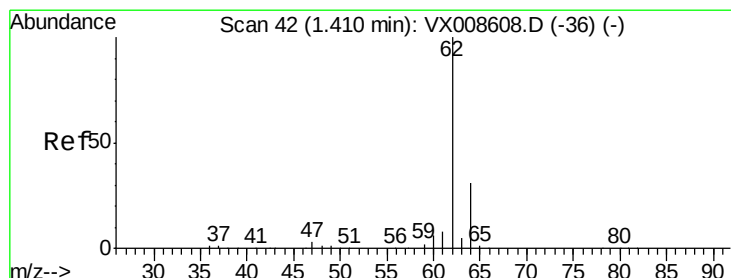
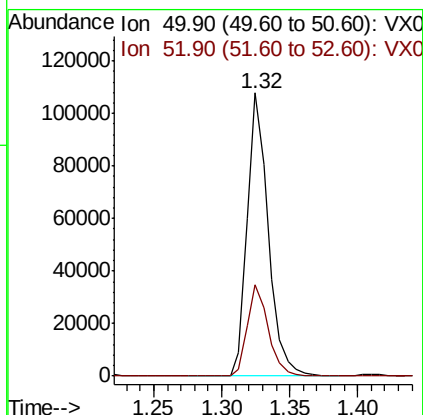
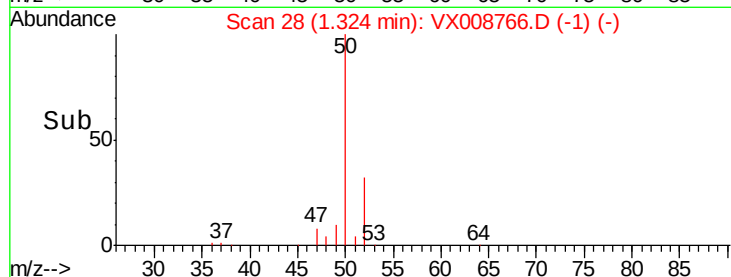
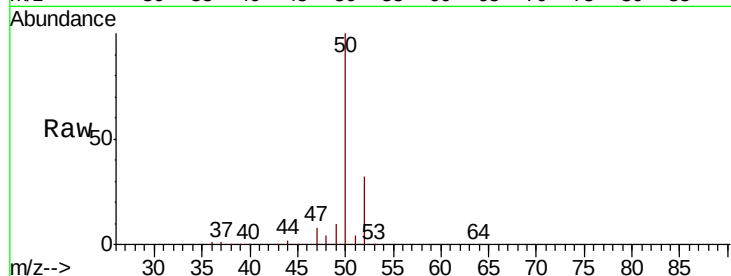




#3
Chloromethane
Concen: 45.199 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

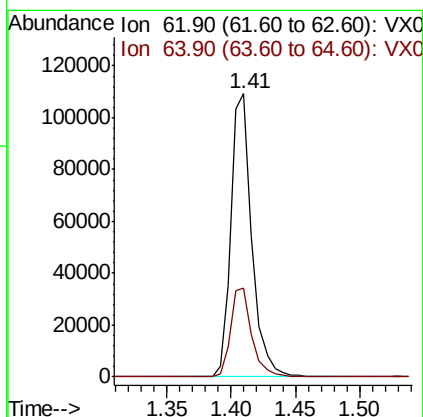
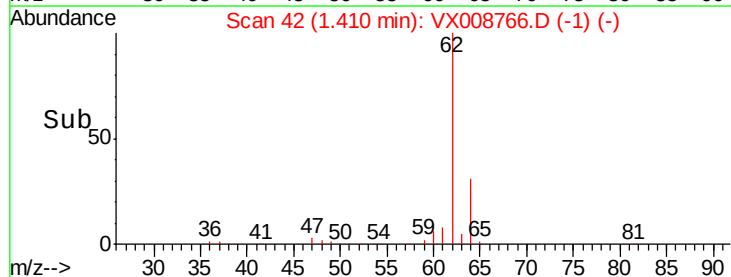
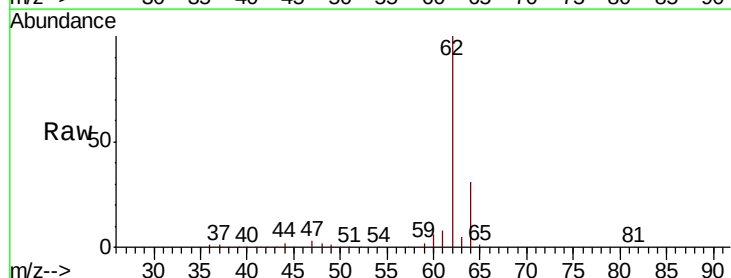
Instrument :
MSVOA_X
ClientSampleId :
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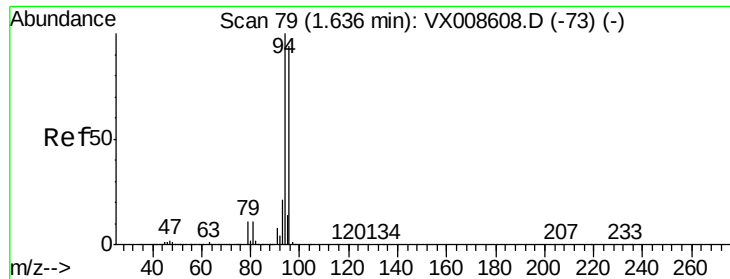
Tgt Ion: 50 Resp: 116670
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



#4
Vinyl Chloride
Concen: 43.926 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 62 Resp: 124617
Ion Ratio Lower Upper
62 100
64 31.2 24.7 37.1





#5

Bromomethane

Concen: 45.935 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

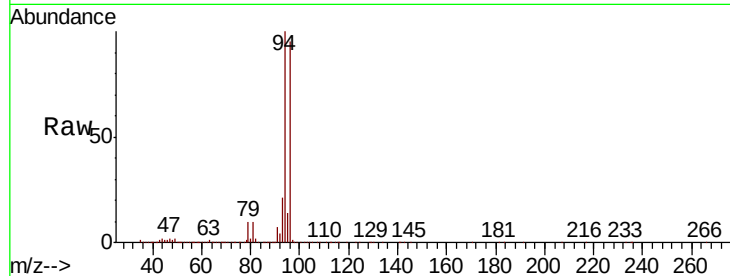
BFB

Tgt Ion: 94 Resp: 63974

Ion Ratio Lower Upper

94 100

96 94.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

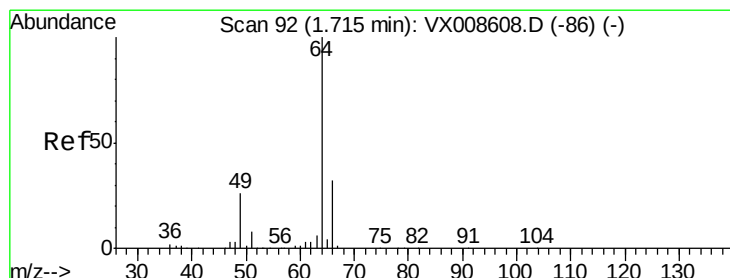
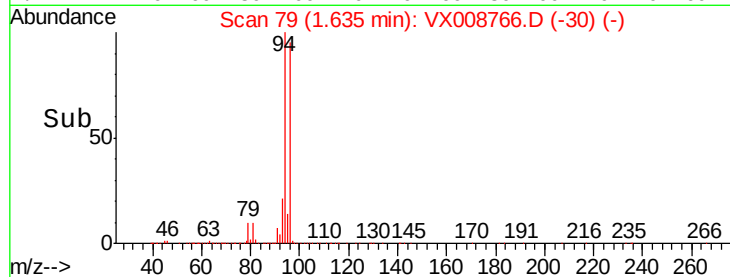
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 48.160 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008766.D

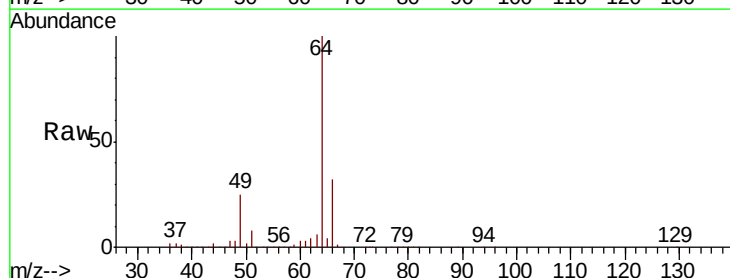
Acq: 09 Apr 2019 13:00

Tgt Ion: 64 Resp: 74790

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

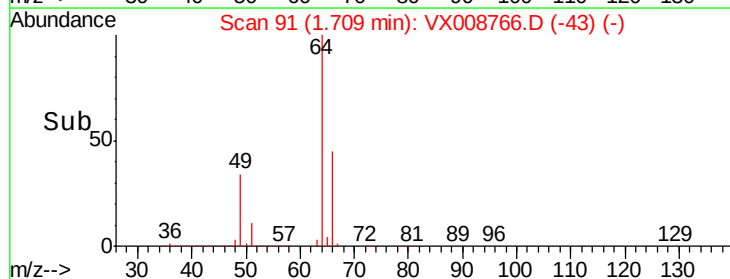
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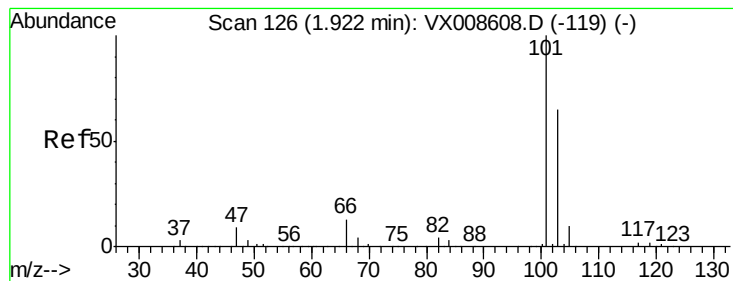
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0

1.65 1.70 1.75 1.80

Time-->



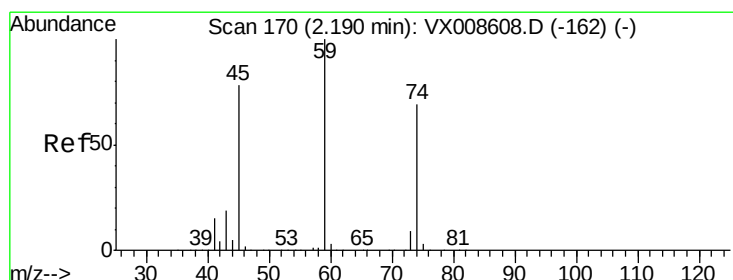
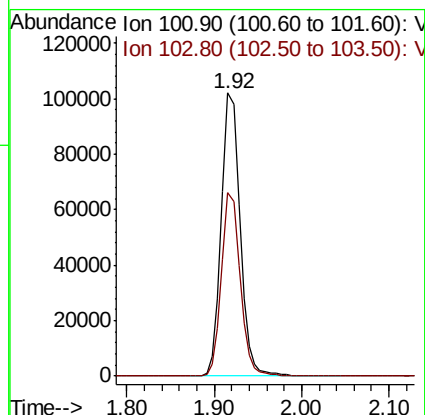
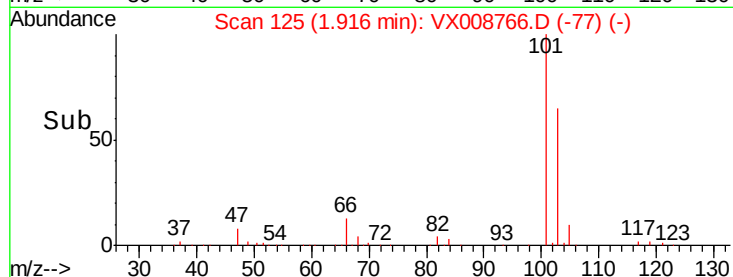
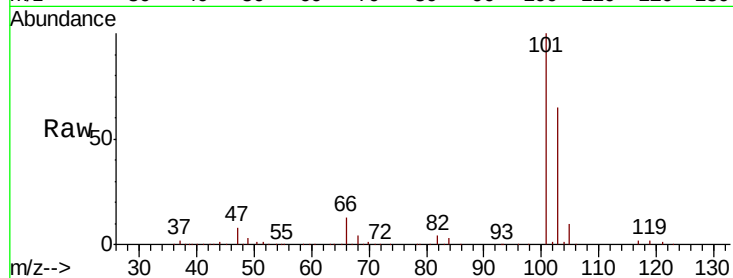


#7

Trichlorofluoromethane
Concen: 48.420 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
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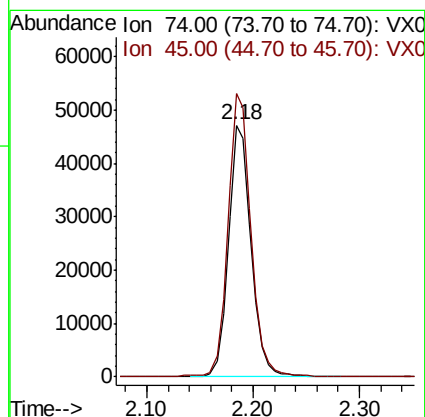
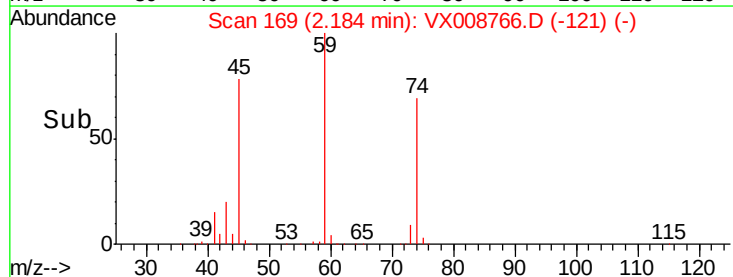
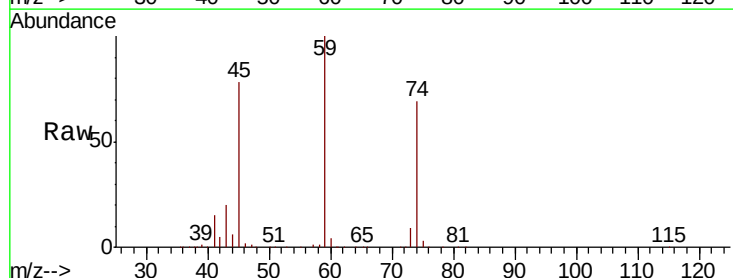
Tgt Ion:101 Resp: 151848
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

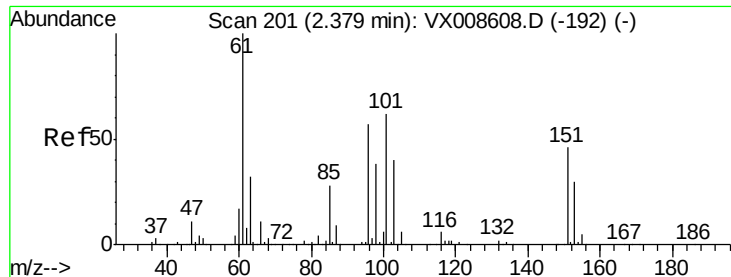


#8

Diethyl Ether
Concen: 47.102 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 74 Resp: 70050
Ion Ratio Lower Upper
74 100
45 113.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.393 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

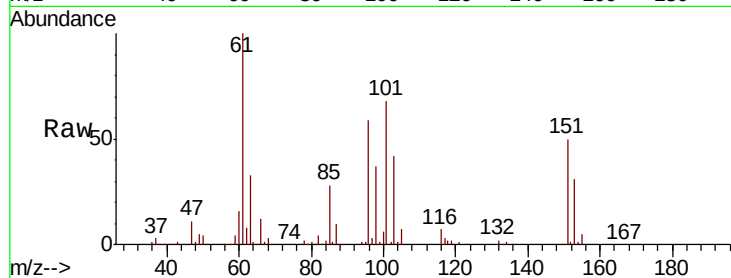
Tgt Ion:101 Resp: 101749

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

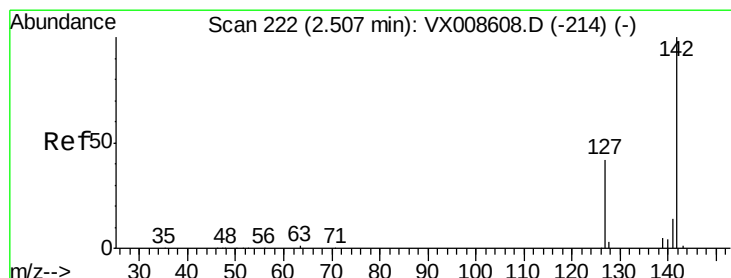
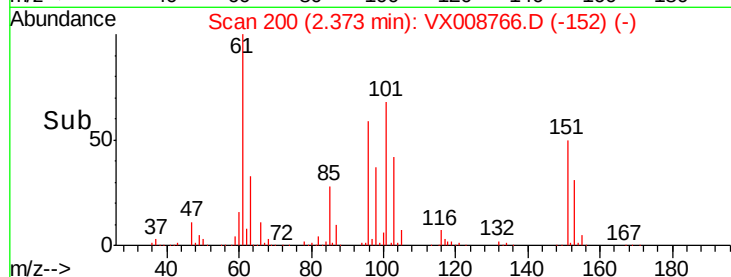
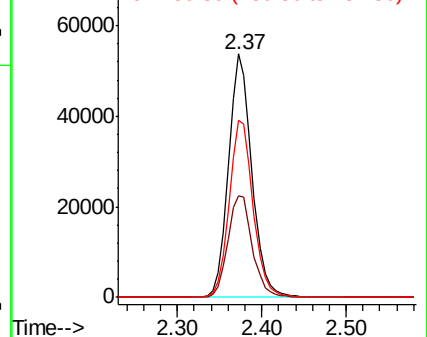
151 74.5 59.9 89.9



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: 51.188 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

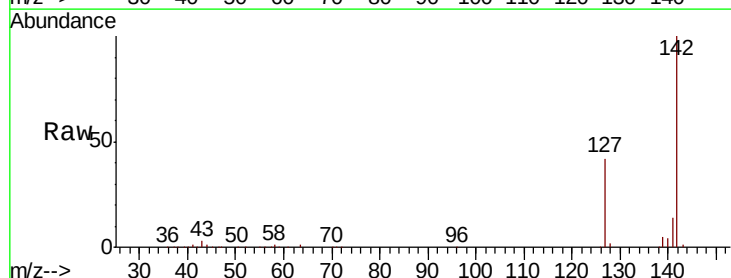
Tgt Ion:142 Resp: 94320

Ion Ratio Lower Upper

142 100

127 41.8 33.0 49.6

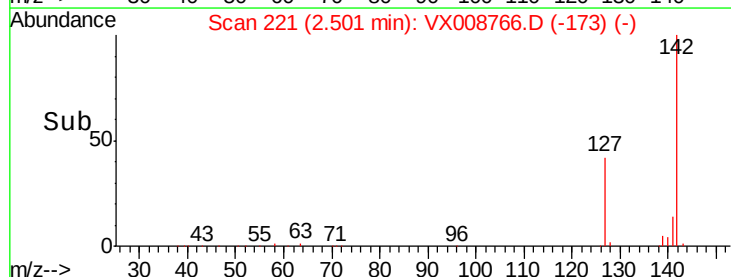
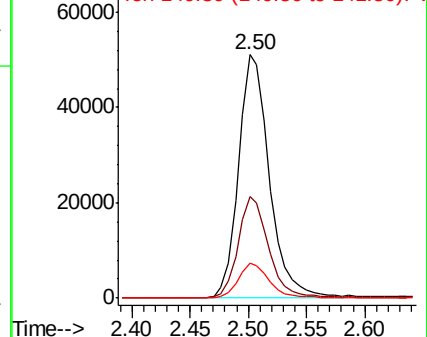
141 14.4 11.4 17.2

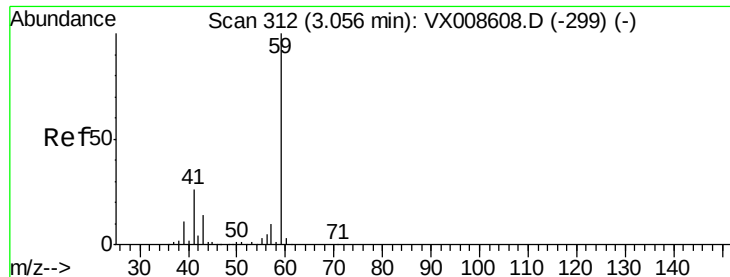


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

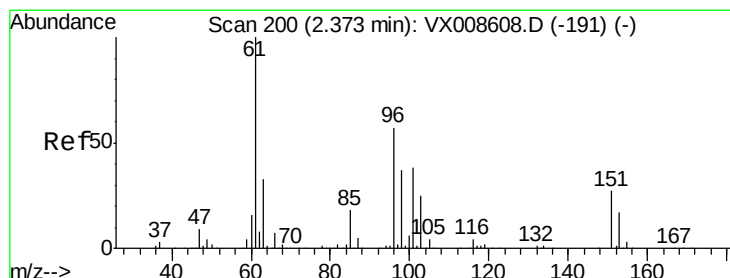
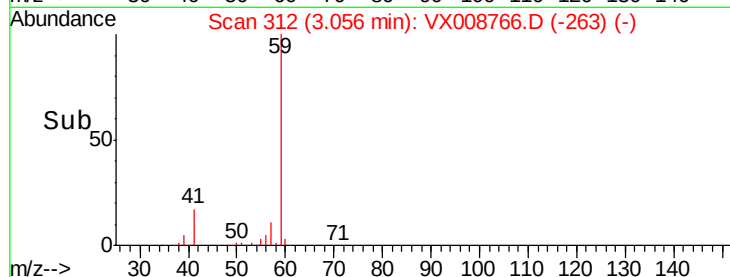
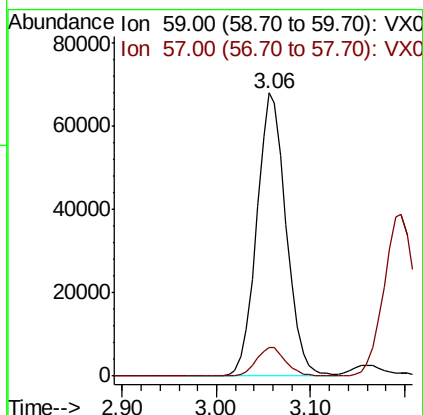
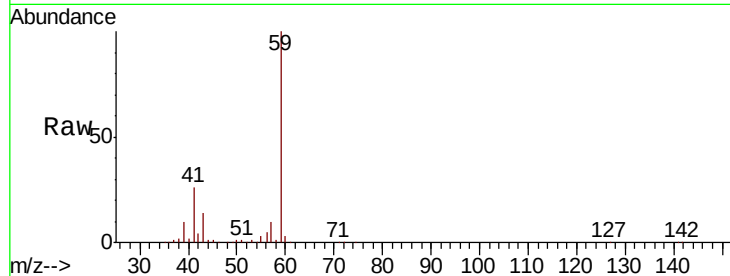




#11
Tert butyl alcohol
Concen: 239.809 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

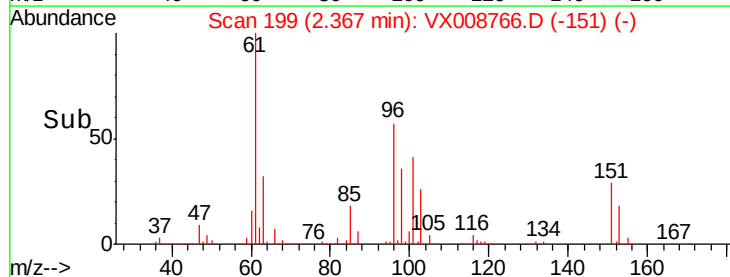
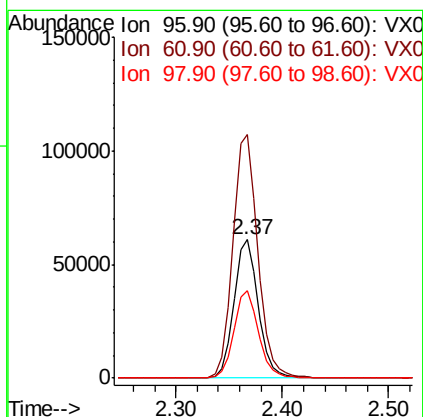
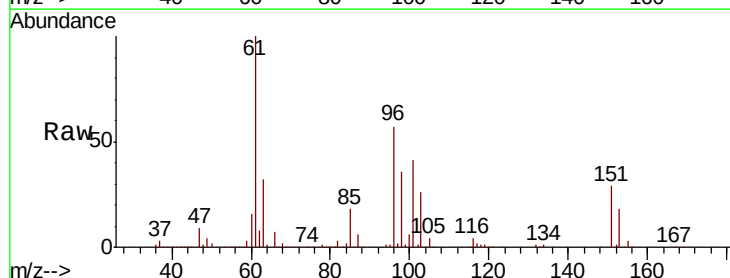
Instrument :
MSVOA_X
ClientSampleId :
BFB

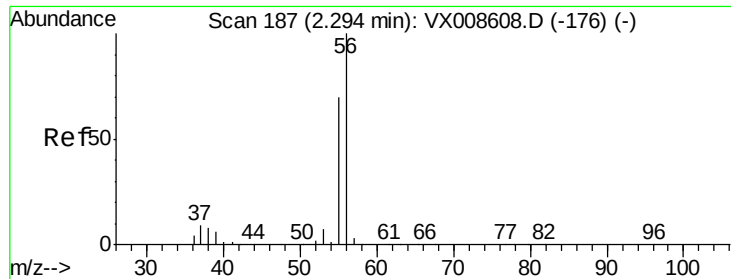
Tgt Ion: 59 Resp: 149296
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.698 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 96 Resp: 98429
Ion Ratio Lower Upper
96 100
61 176.3 140.9 211.3
98 63.2 52.1 78.1

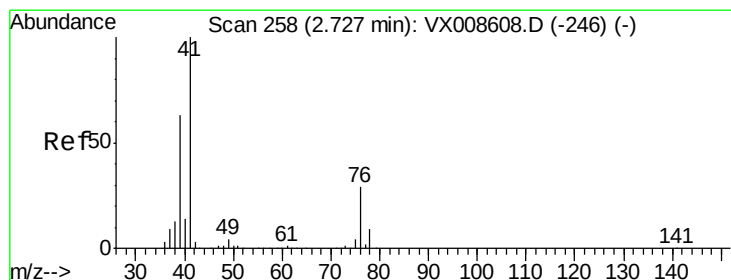
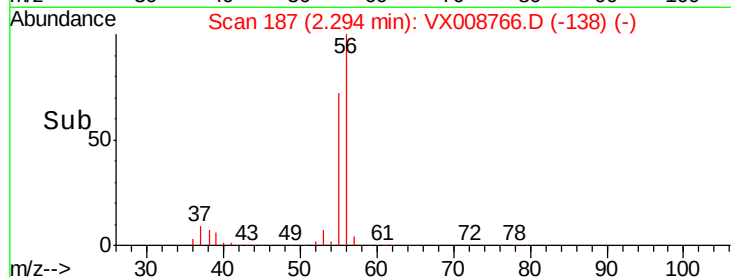
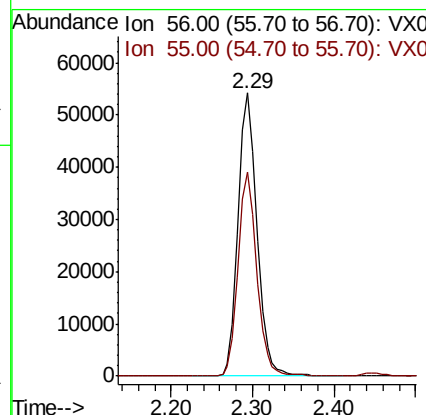
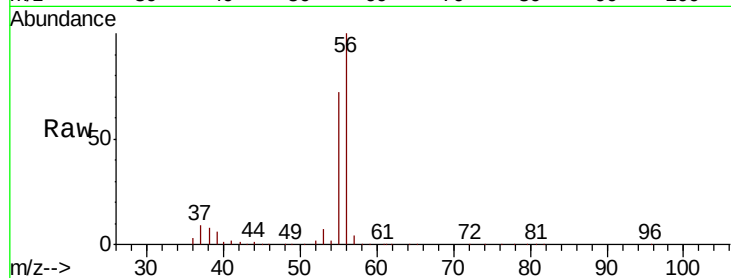




#13
 Acrolein
 Concen: 277.147 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

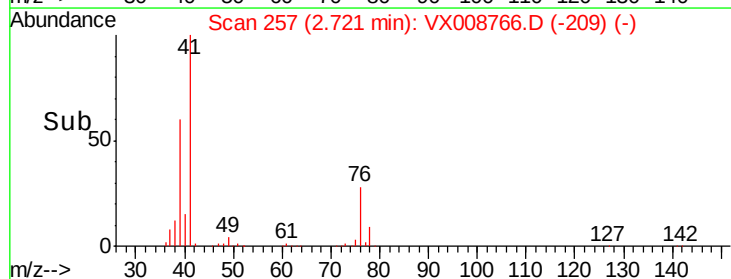
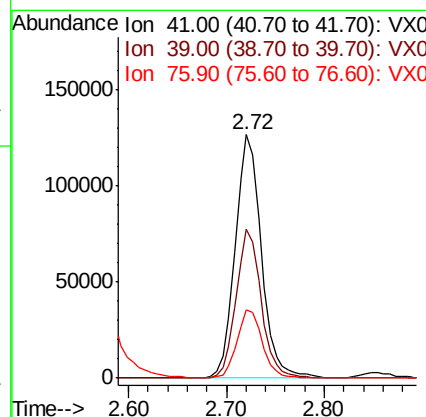
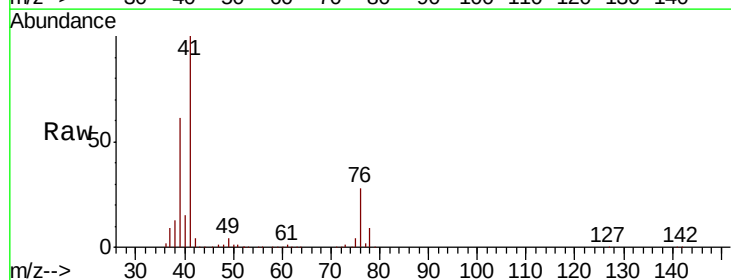
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

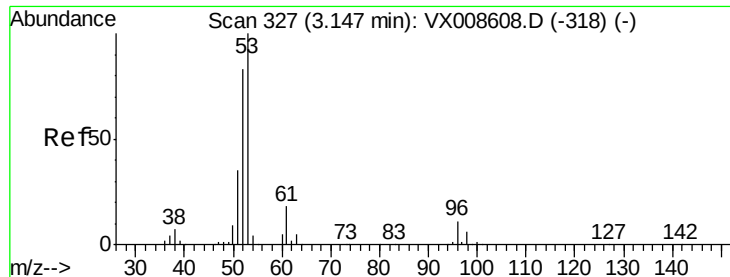
Tgt Ion: 56 Resp: 85555
 Ion Ratio Lower Upper
 56 100
 55 72.2 58.0 87.0



#14
 Allyl chloride
 Concen: 48.602 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 41 Resp: 234515
 Ion Ratio Lower Upper
 41 100
 39 58.7 48.0 72.0
 76 27.2 22.0 33.0





#15

Acrylonitrile

Concen: 236.454 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

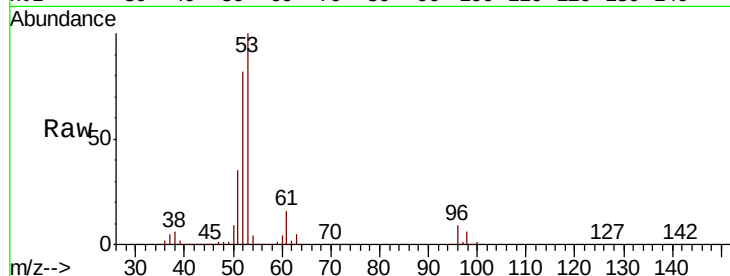
Tgt Ion: 53 Resp: 389977

Ion Ratio Lower Upper

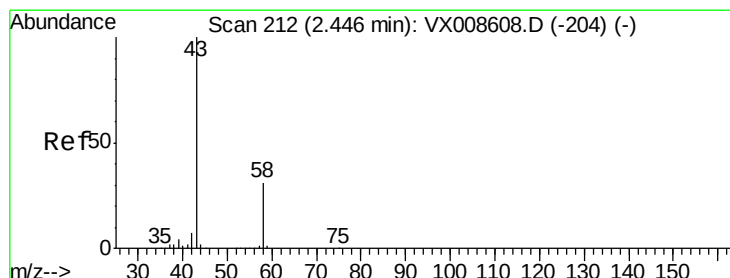
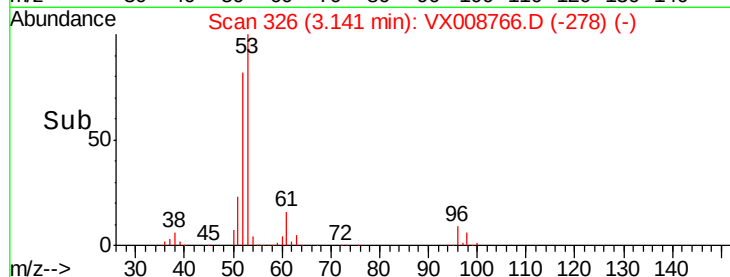
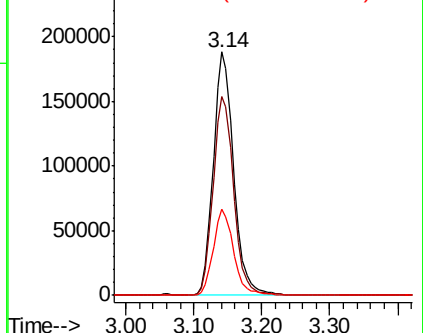
53 100

52 82.6 66.5 99.7

51 35.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.183 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008766.D

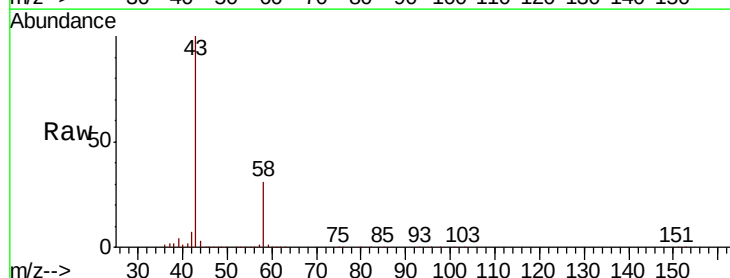
Acq: 09 Apr 2019 13:00

Tgt Ion: 43 Resp: 369407

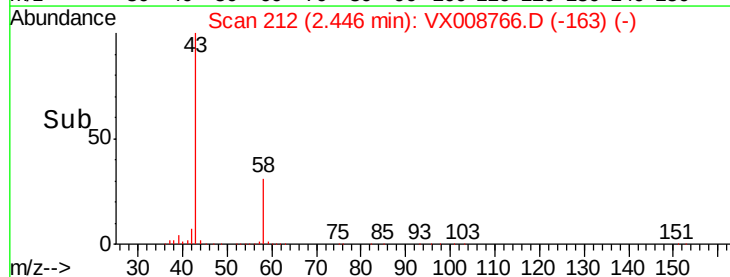
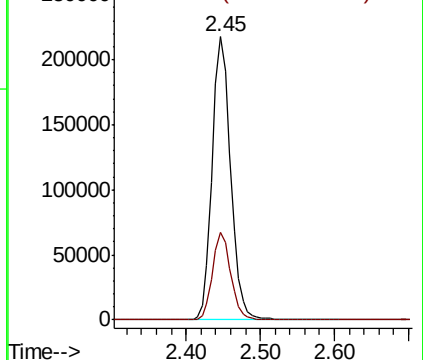
Ion Ratio Lower Upper

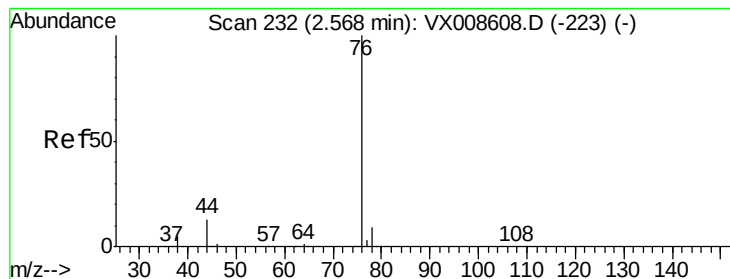
43 100

58 30.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.137 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

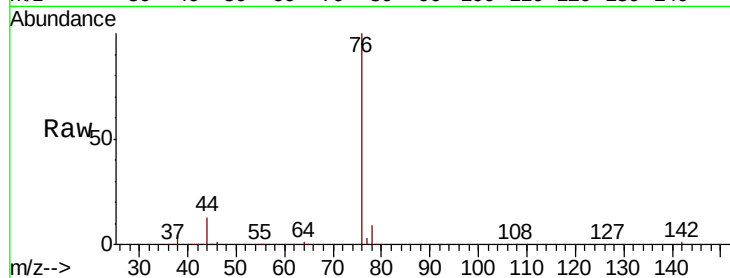
BFB

Tgt Ion: 76 Resp: 275173

Ion Ratio Lower Upper

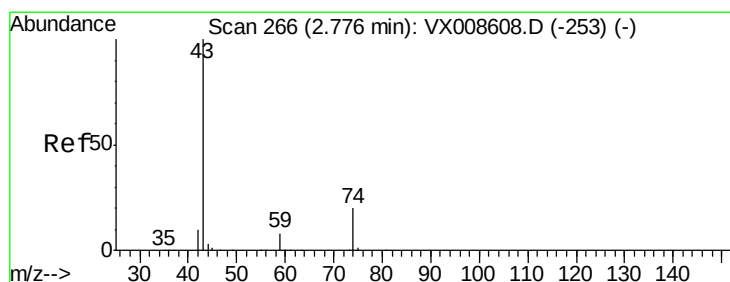
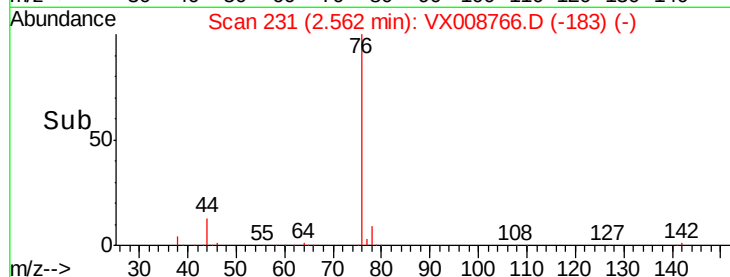
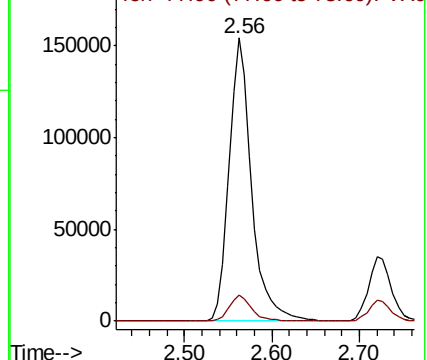
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.129 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008766.D

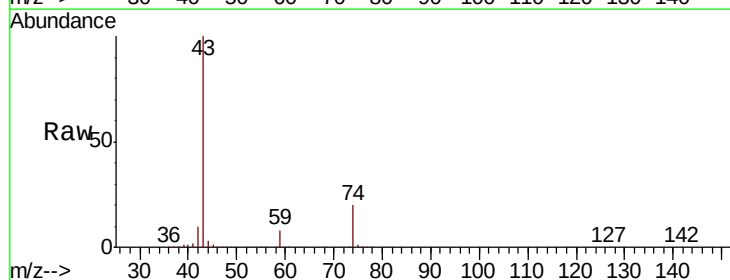
Acq: 09 Apr 2019 13:00

Tgt Ion: 43 Resp: 182497

Ion Ratio Lower Upper

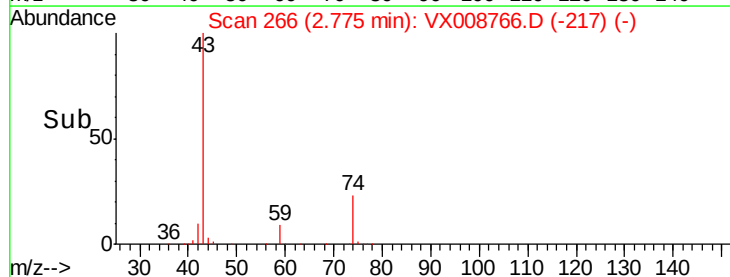
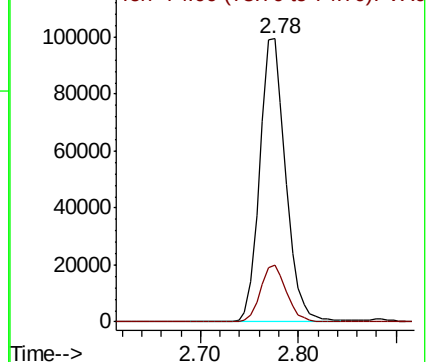
43 100

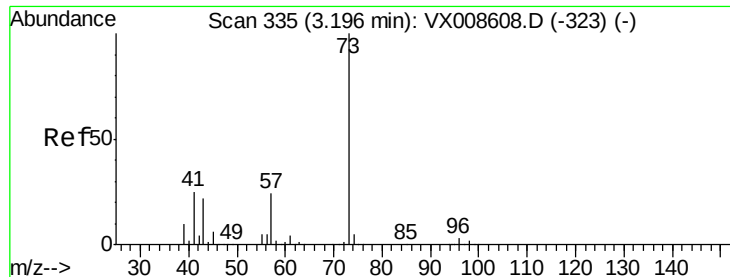
74 20.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

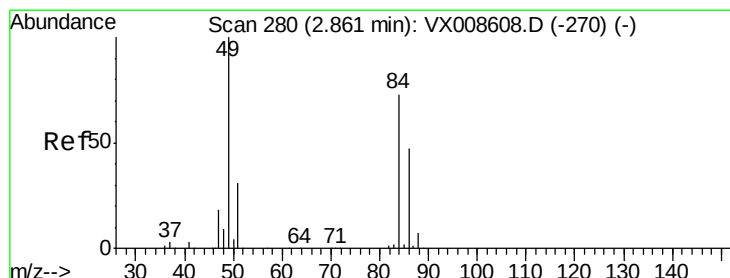
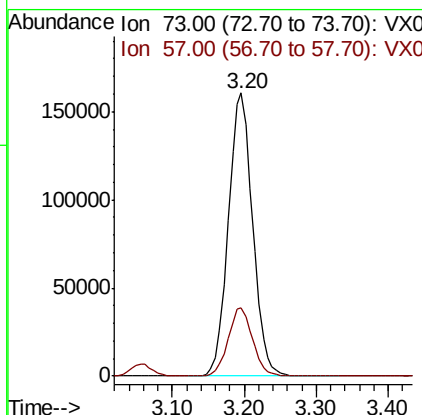
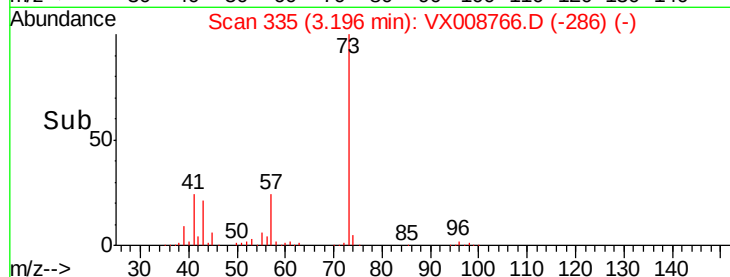
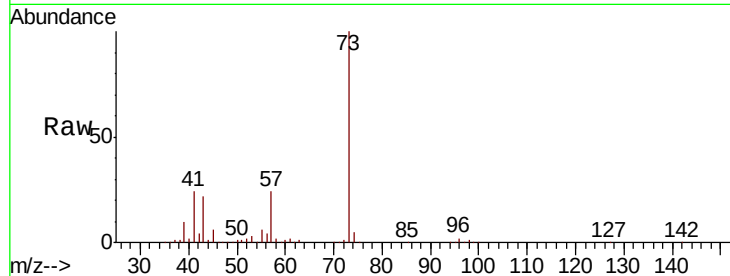




#19
Methyl tert-butyl Ether
Concen: 49.991 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

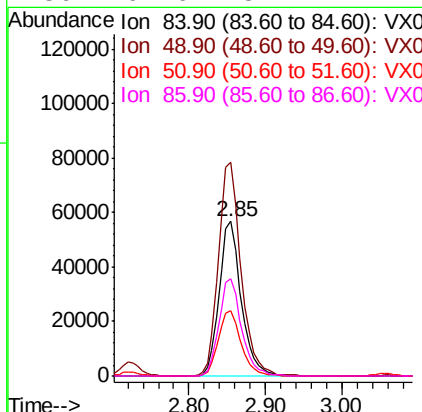
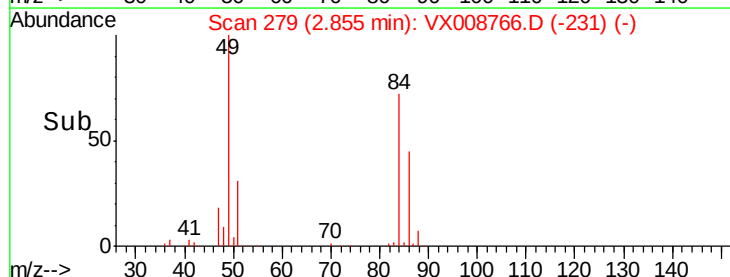
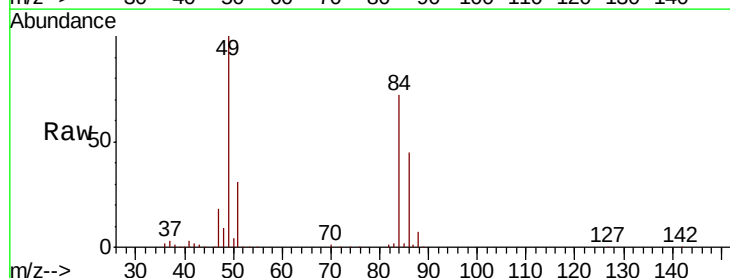
Instrument :
MSVOA_X
ClientSampleId :
BFB

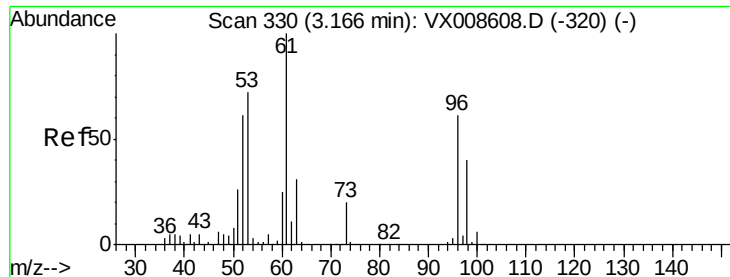
Tgt Ion: 73 Resp: 376299
Ion Ratio Lower Upper
73 100
57 24.2 19.5 29.3



#20
Methylene Chloride
Concen: 44.211 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 84 Resp: 113349
Ion Ratio Lower Upper
84 100
49 138.0 109.7 164.5
51 42.1 33.6 50.4
86 62.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.654 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

BFB

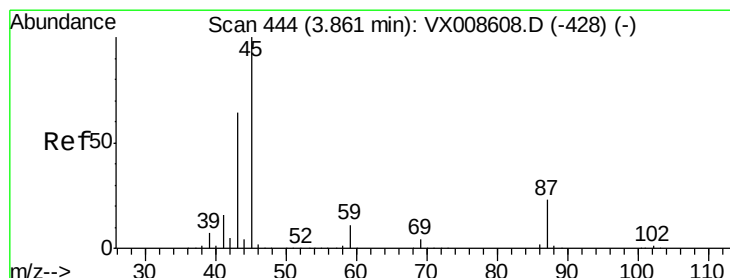
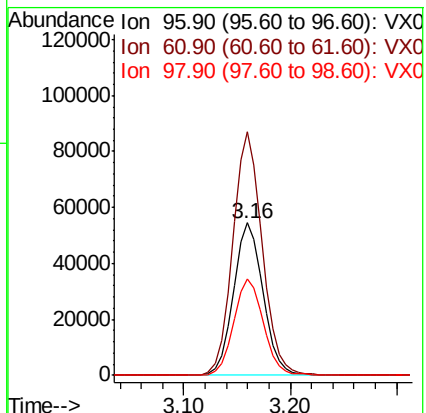
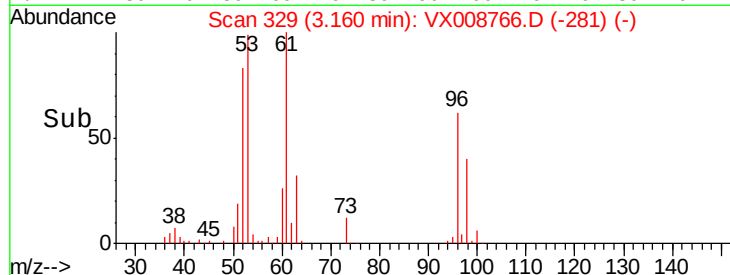
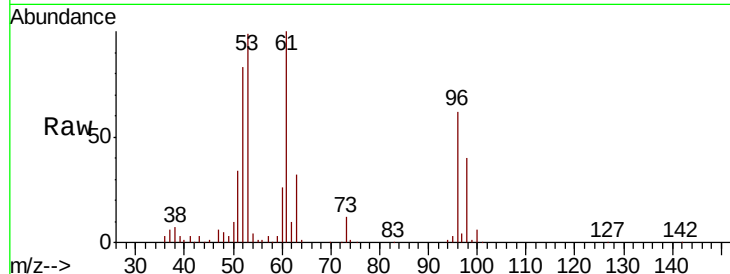
Tgt Ion: 96 Resp: 106367

Ion Ratio Lower Upper

96 100

61 160.0 132.1 198.1

98 63.5 52.2 78.2



#22

Diisopropyl ether

Concen: 48.801 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion: 45 Resp: 453861

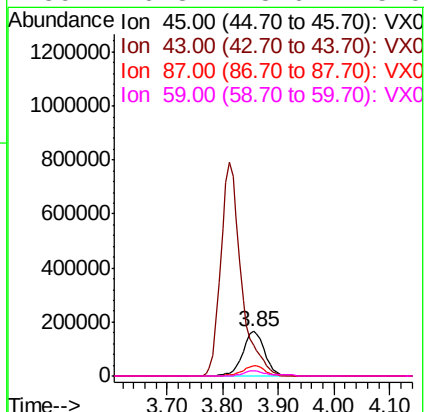
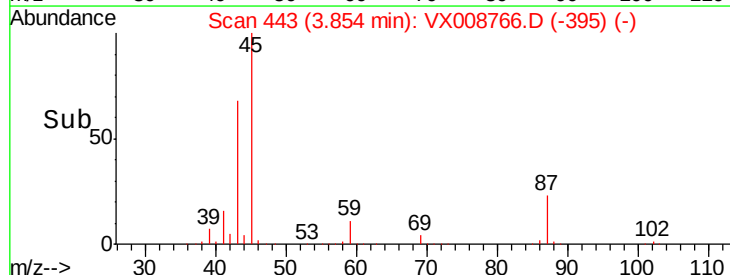
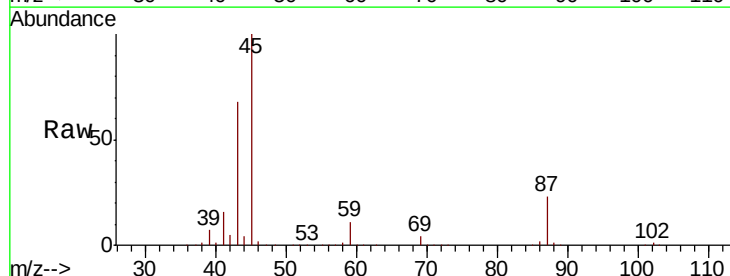
Ion Ratio Lower Upper

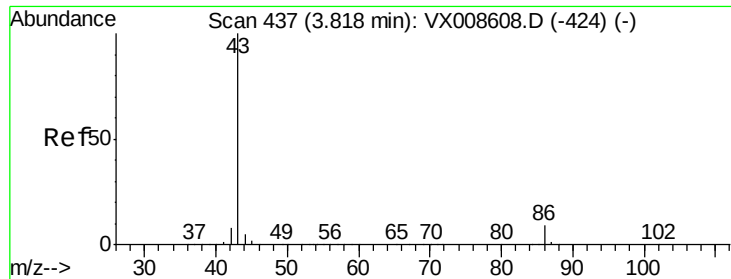
45 100

43 68.0 51.3 76.9

87 22.9 18.1 27.1

59 10.8 8.6 13.0





#23

Vinyl Acetate

Concen: 249.511 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

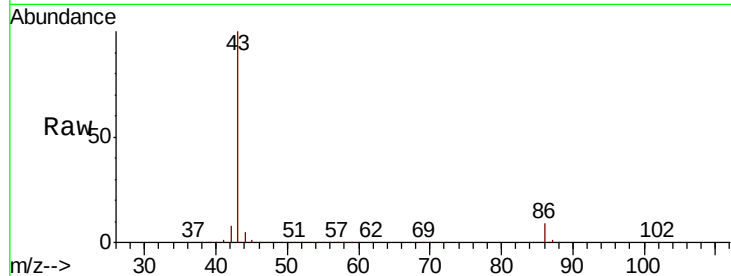
BFB

Tgt Ion: 43 Resp: 2018688

Ion Ratio Lower Upper

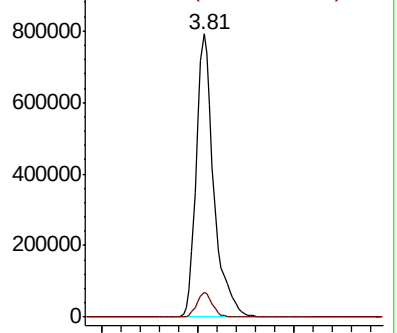
43 100

86 8.7 7.0 10.6

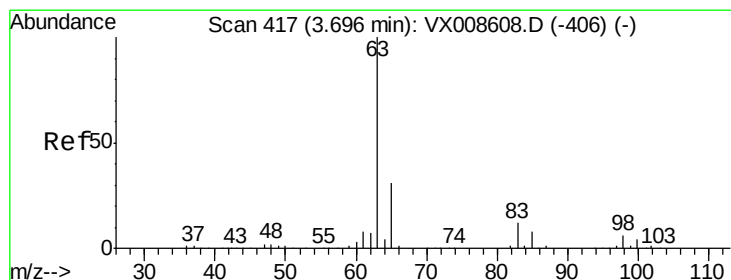
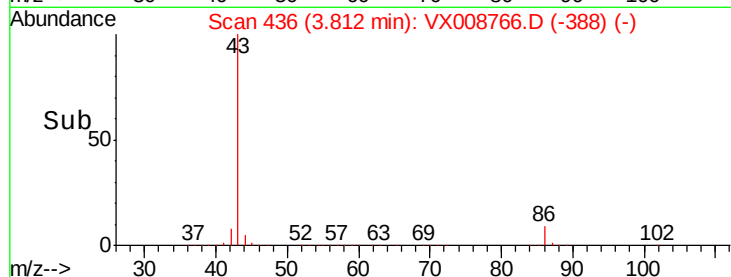


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.823 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

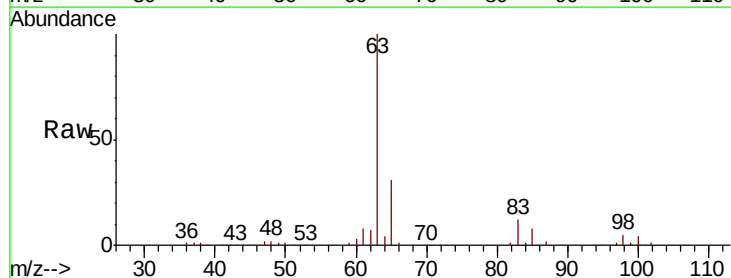
Tgt Ion: 63 Resp: 224812

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

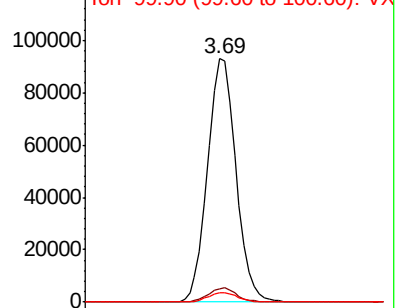
100 4.0 1.8 5.5



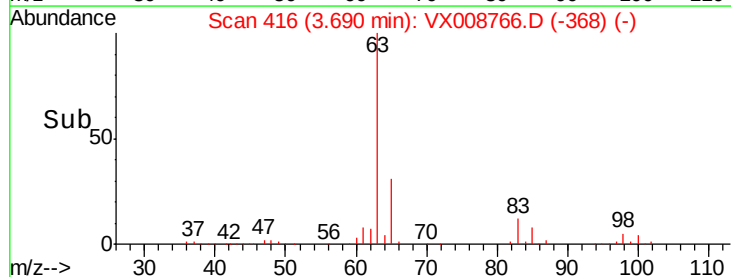
Abundance Ion 62.90 (62.60 to 63.60): VX0

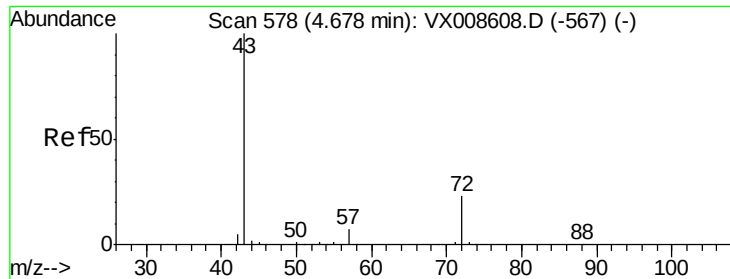
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 243.176 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

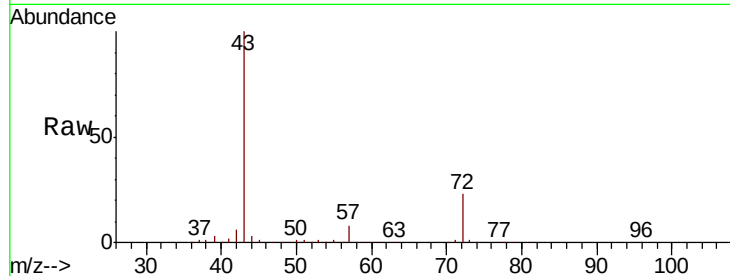
BFB

Tgt Ion: 43 Resp: 588683

Ion Ratio Lower Upper

43 100

72 23.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

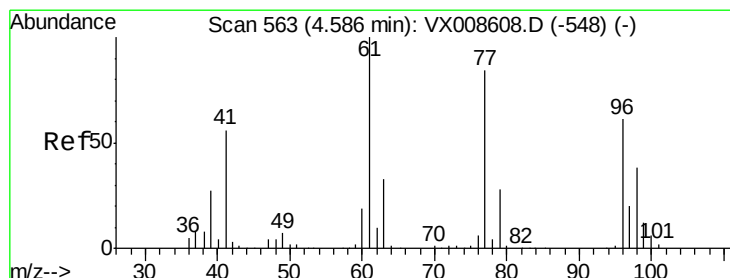
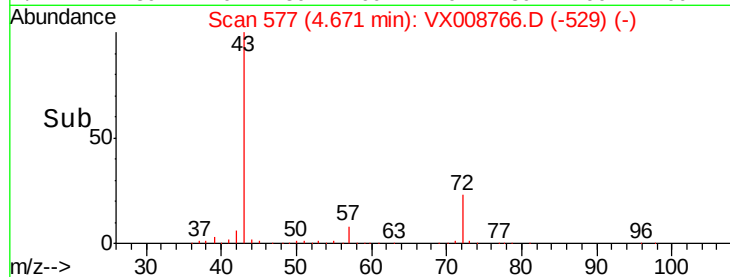
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.085 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008766.D

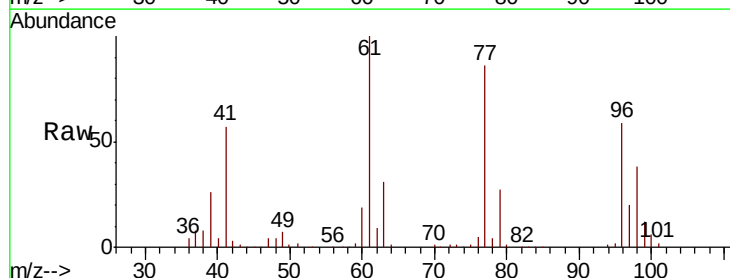
Acq: 09 Apr 2019 13:00

Tgt Ion: 77 Resp: 165676

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

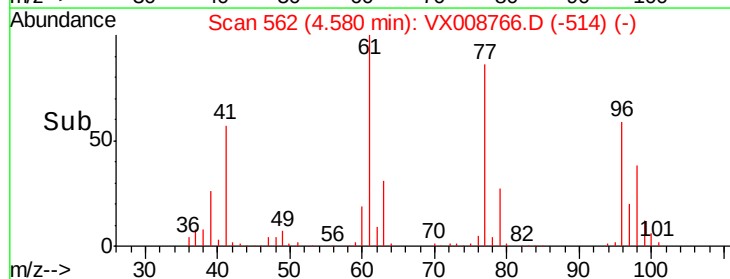
30000

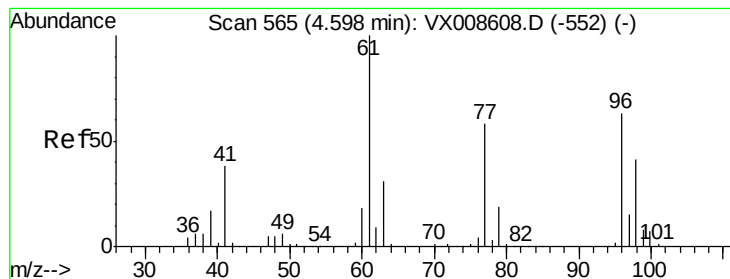
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.922 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

BFB

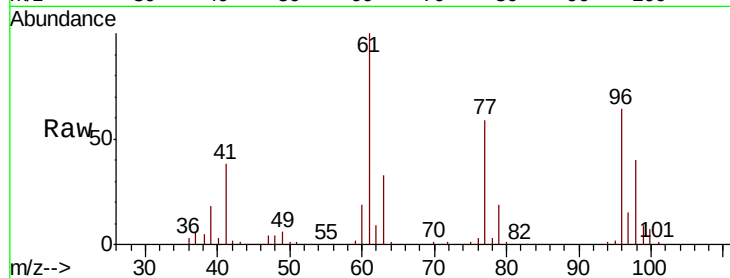
Tgt Ion: 96 Resp: 125617

Ion Ratio Lower Upper

96 100

61 162.0 0.0 327.6

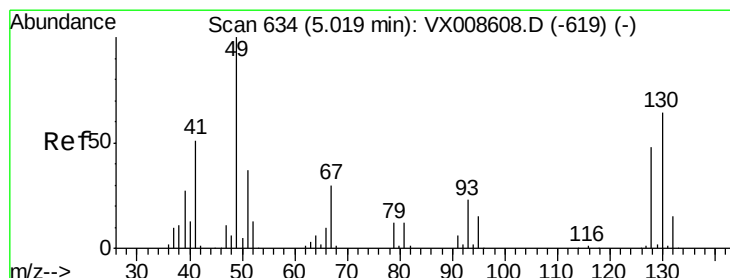
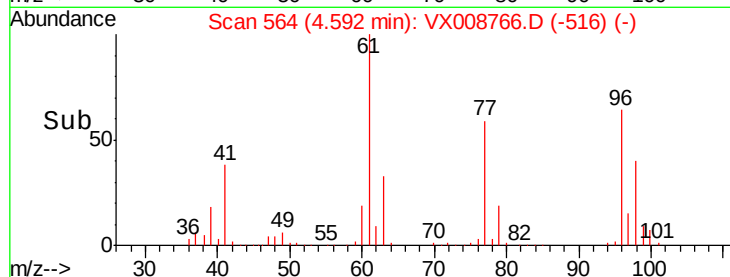
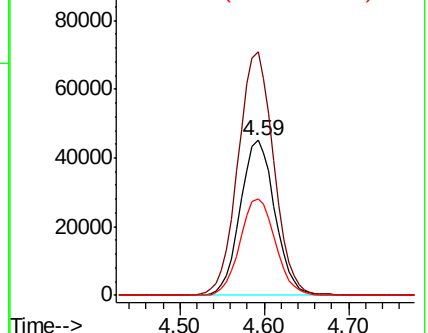
98 63.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.232 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

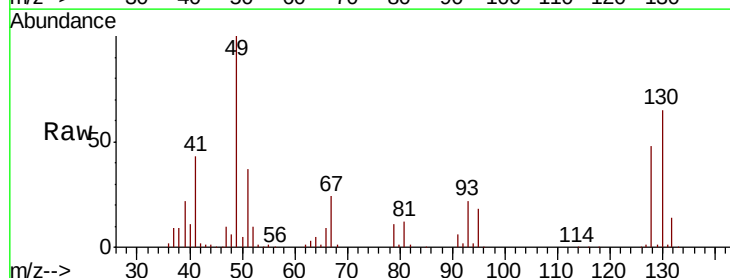
Tgt Ion: 49 Resp: 105627

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

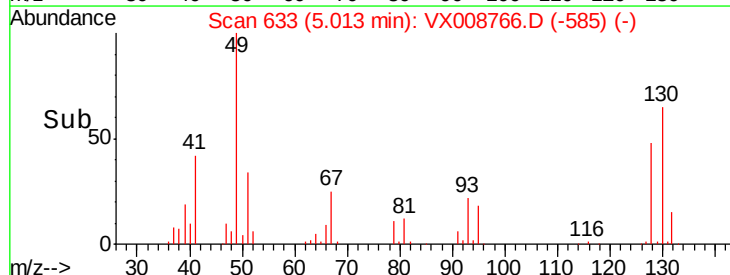
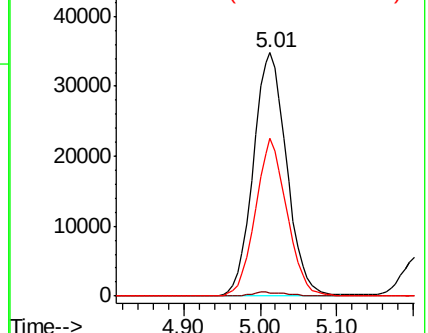
130 61.3 49.3 73.9

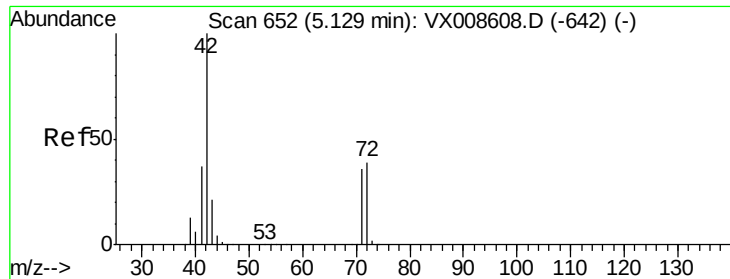


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.306 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

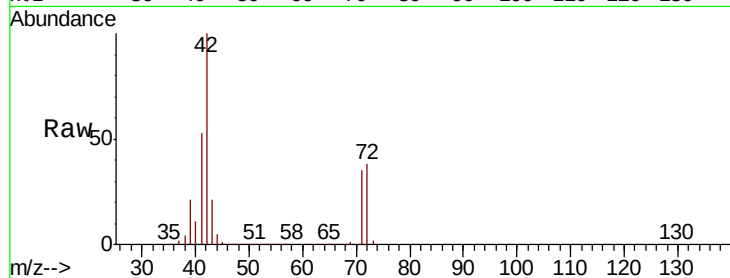
Tgt Ion: 42 Resp: 382897

Ion Ratio Lower Upper

42 100

72 38.0 30.5 45.7

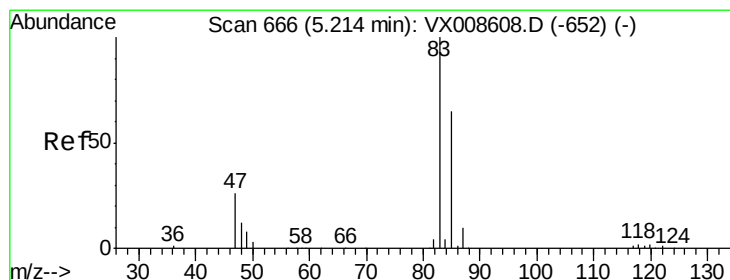
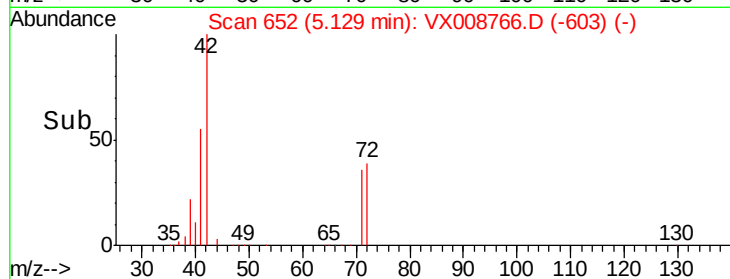
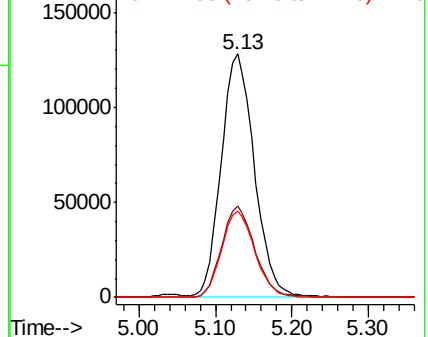
71 35.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.899 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008766.D

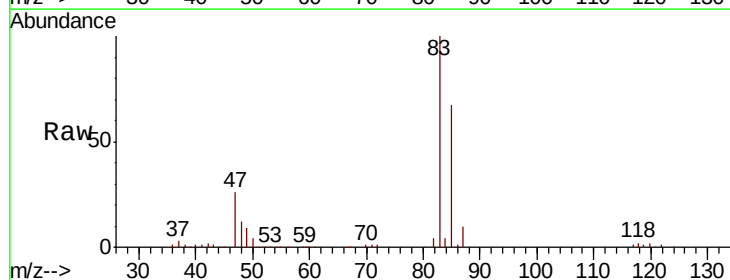
Acq: 09 Apr 2019 13:00

Tgt Ion: 83 Resp: 201108

Ion Ratio Lower Upper

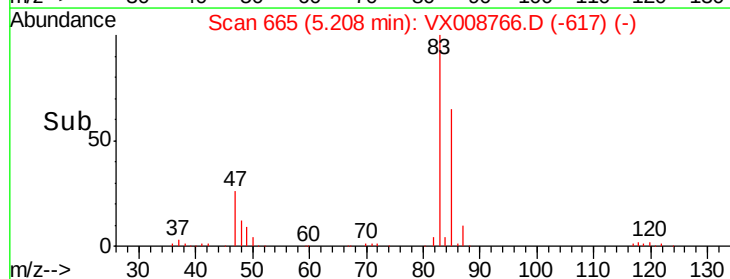
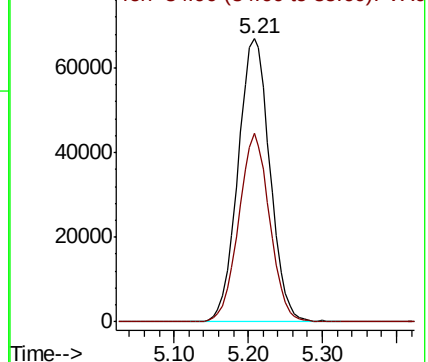
83 100

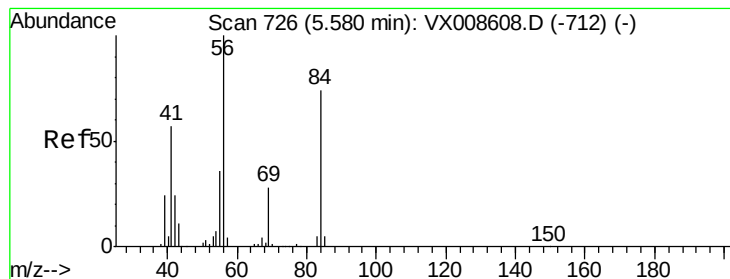
85 66.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.369 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

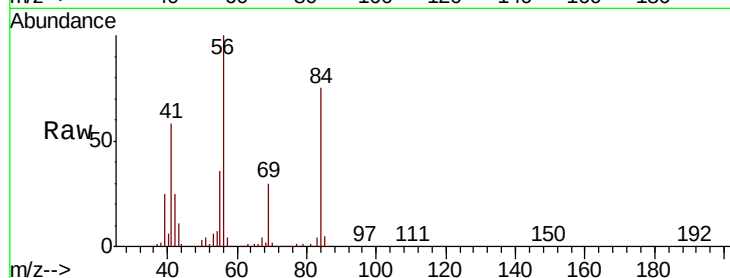
Tgt Ion: 56 Resp: 217641

Ion Ratio Lower Upper

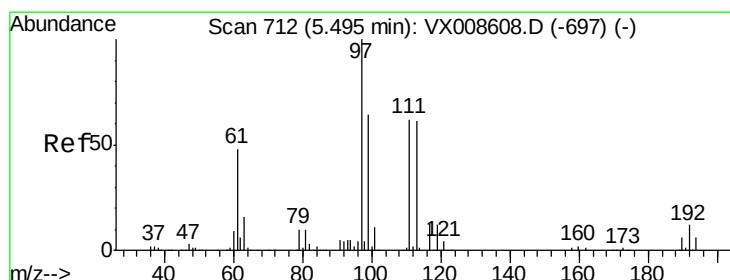
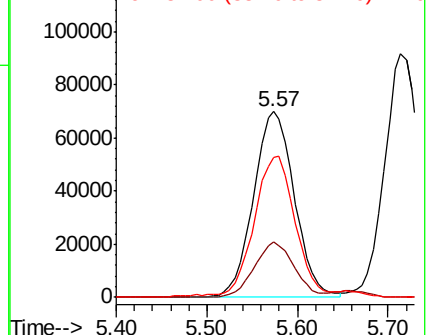
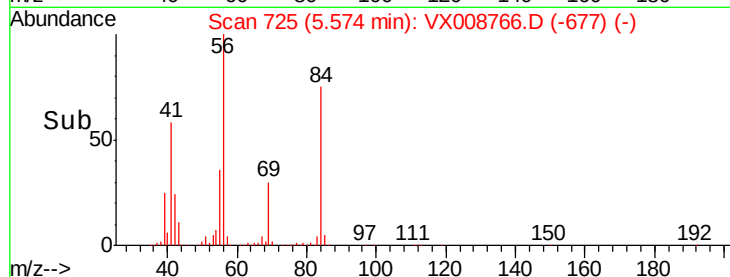
56 100

69 29.7 22.6 33.8

84 74.4 59.3 88.9



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



#32

1,1,1-Trichloroethane

Concen: 49.747 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

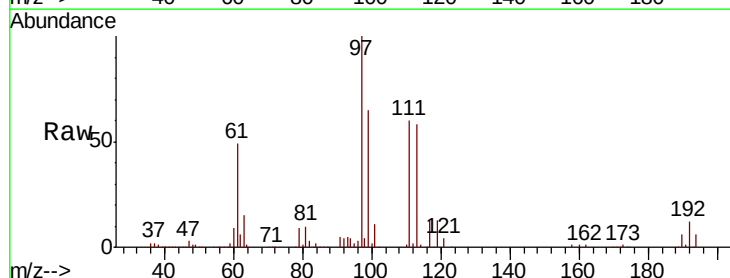
Tgt Ion: 97 Resp: 165333

Ion Ratio Lower Upper

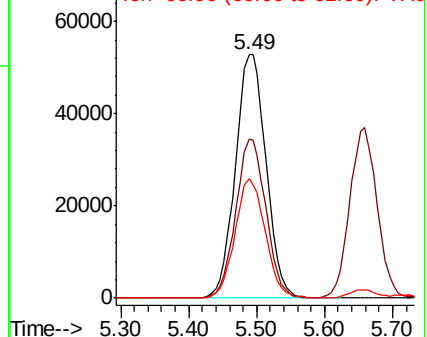
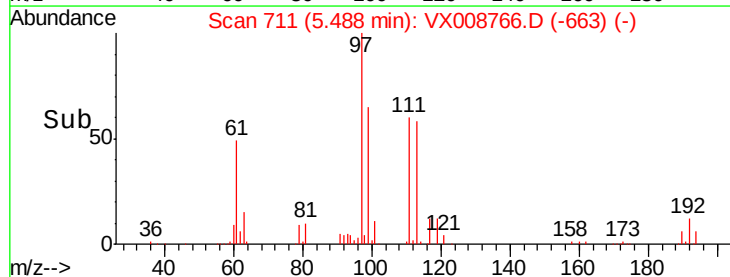
97 100

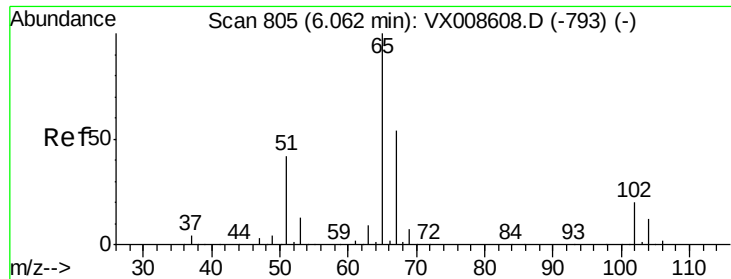
99 64.1 51.3 76.9

61 48.4 38.9 58.3



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

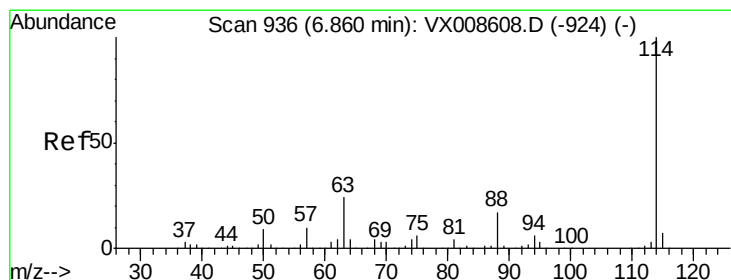
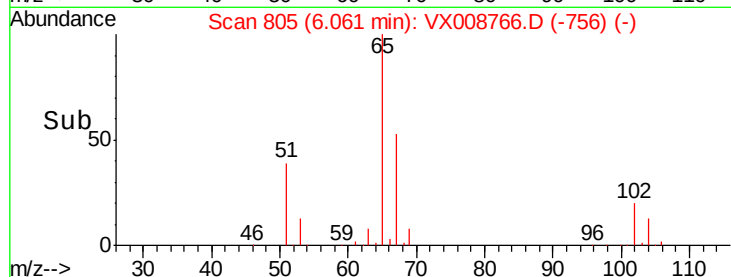
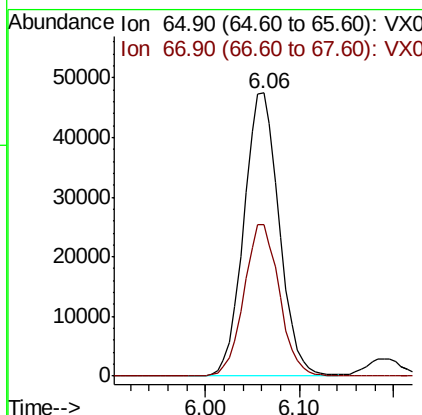
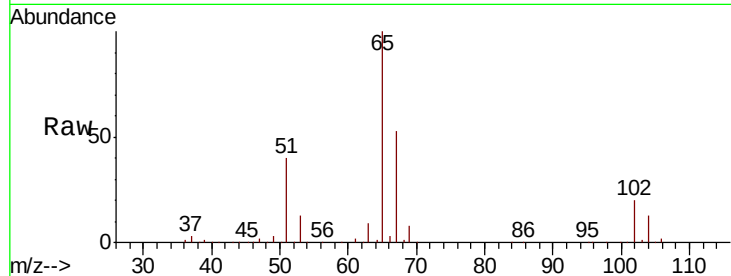




#33
 1,2-Dichloroethane-d4
 Concen: 46.673 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

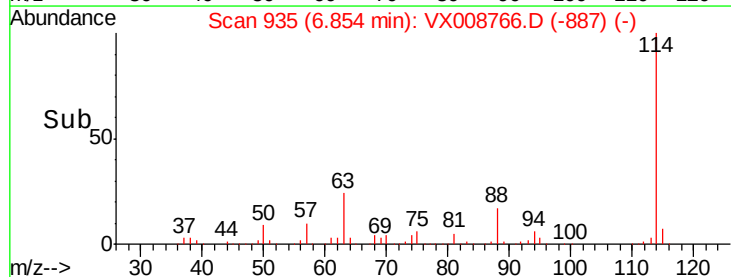
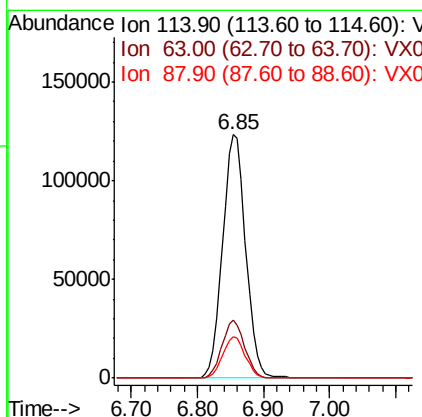
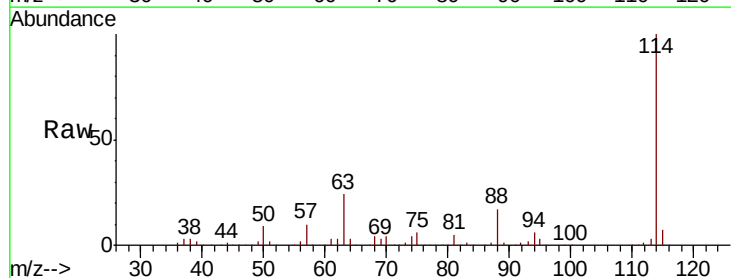
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

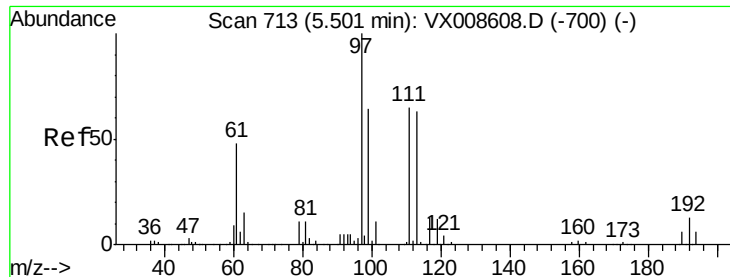
Tgt Ion: 65 Resp: 124114
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 114 Resp: 298346
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.592 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

BFB

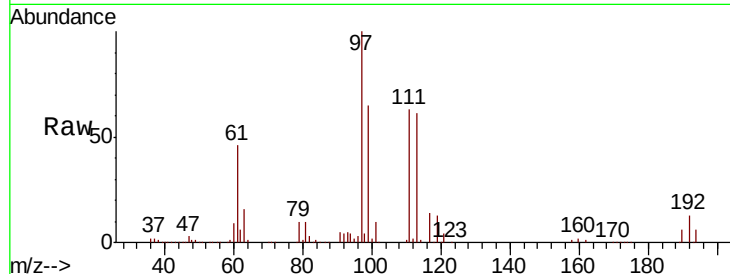
Tgt Ion:113 Resp: 92689

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

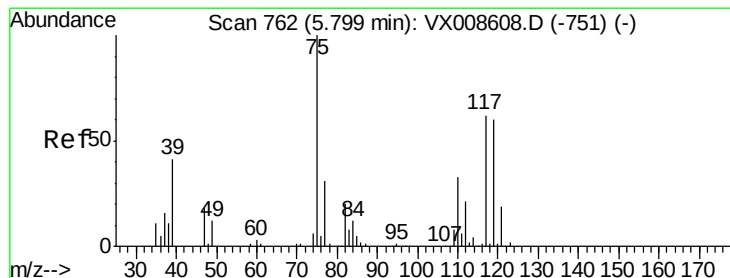
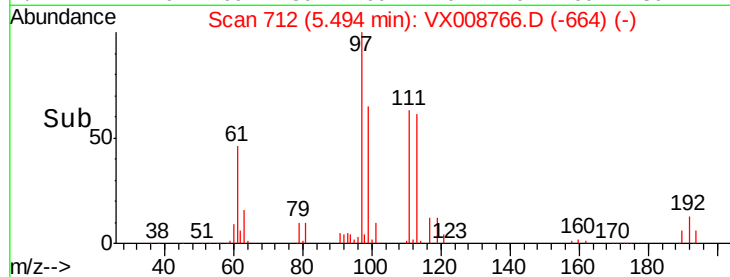
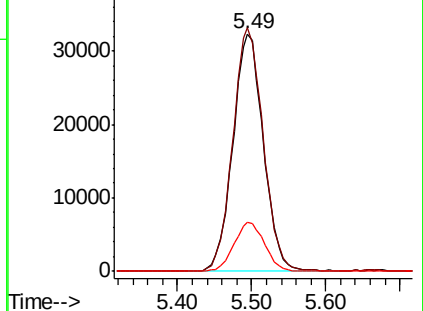
192 20.7 16.1 24.1



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: 48.896 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

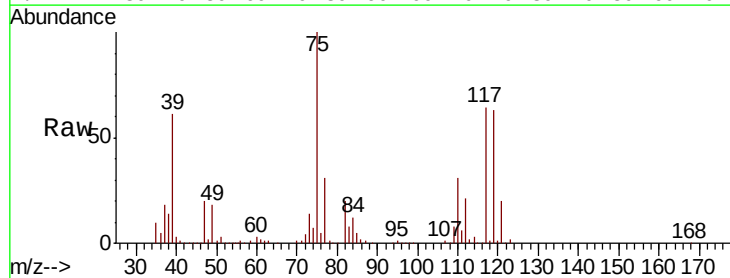
Tgt Ion: 75 Resp: 159460

Ion Ratio Lower Upper

75 100

110 32.9 16.4 49.2

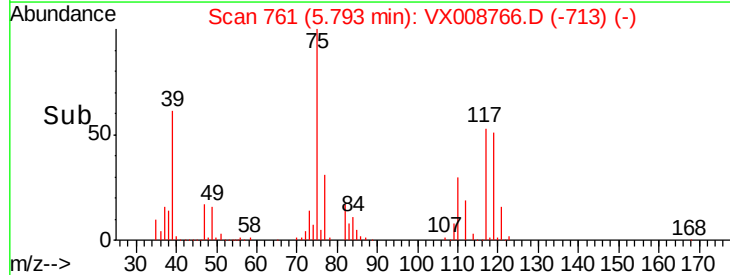
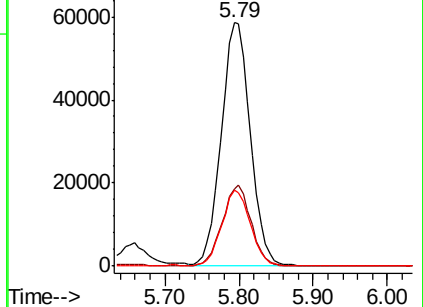
77 31.1 24.7 37.1

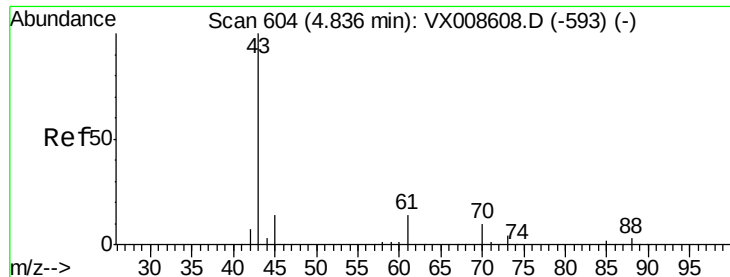


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.392 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

BFB

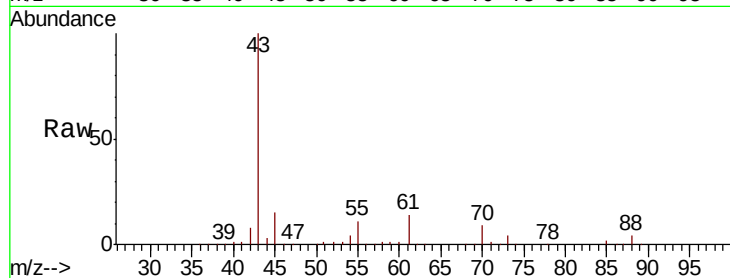
Tgt Ion: 43 Resp: 219360

Ion Ratio Lower Upper

43 100

61 13.2 10.3 15.5

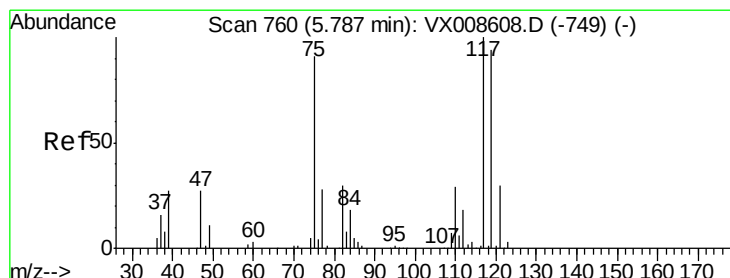
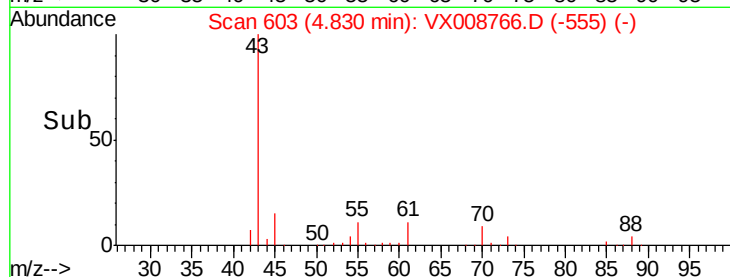
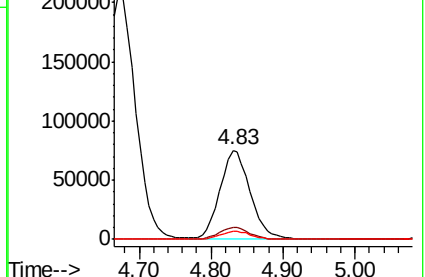
70 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008608.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008608.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 51.259 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

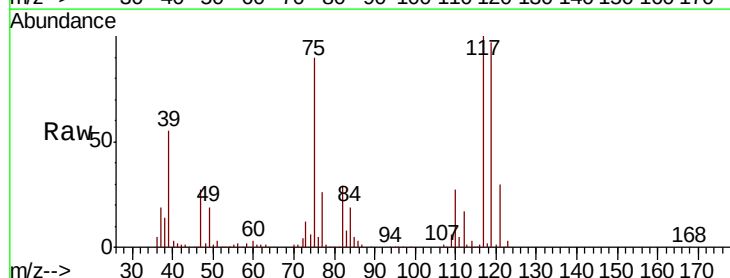
Tgt Ion: 117 Resp: 138359

Ion Ratio Lower Upper

117 100

119 97.2 75.0 112.6

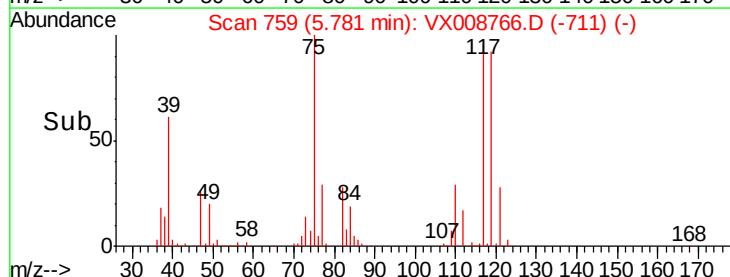
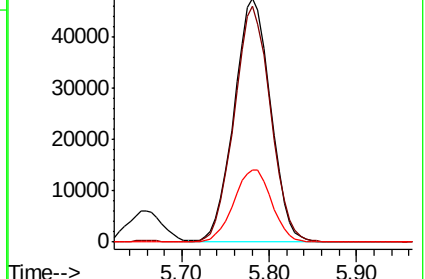
121 29.9 24.3 36.5

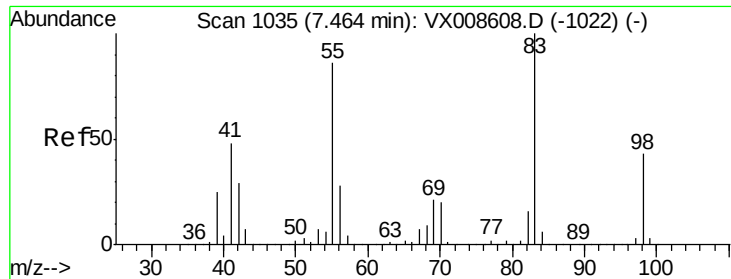


Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008608.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008608.D (-749) (-)

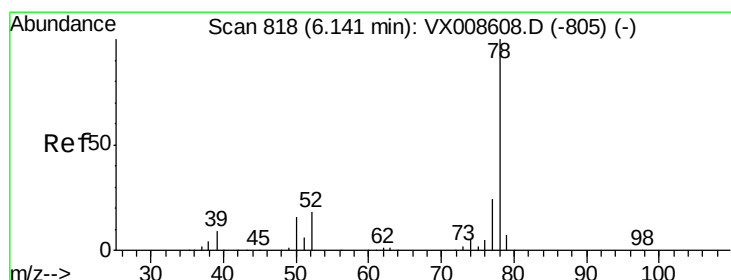
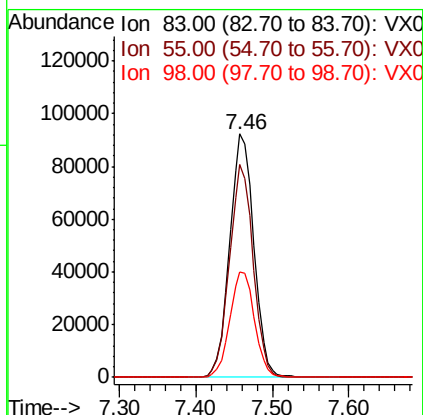
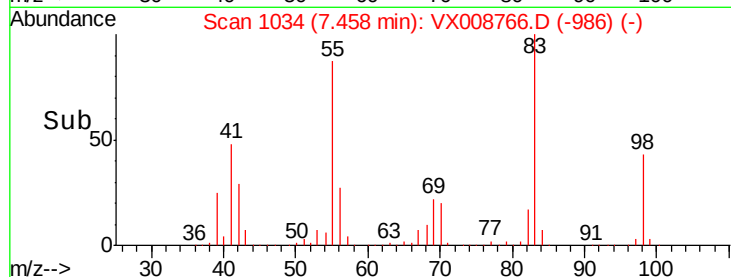
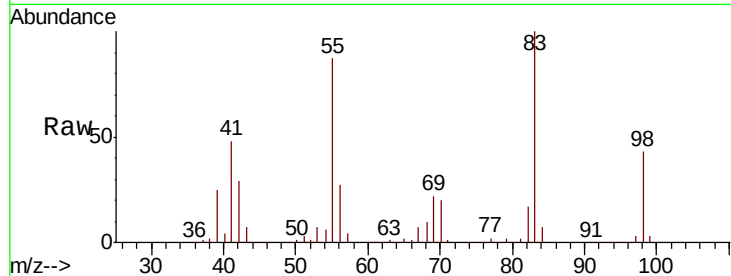




#39
Methylcyclohexane
Concen: 49.961 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

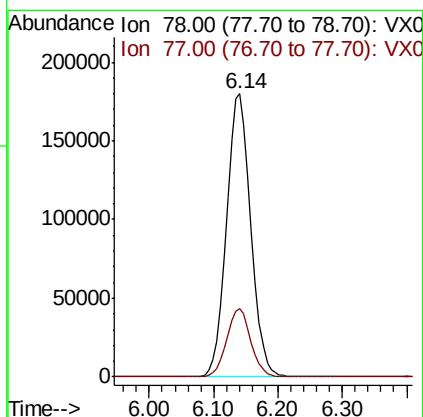
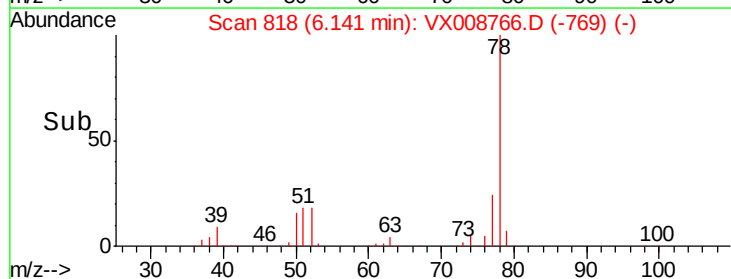
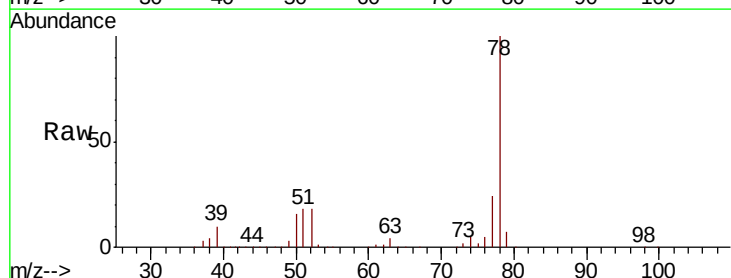
Instrument :
MSVOA_X
ClientSampleId :
BFB

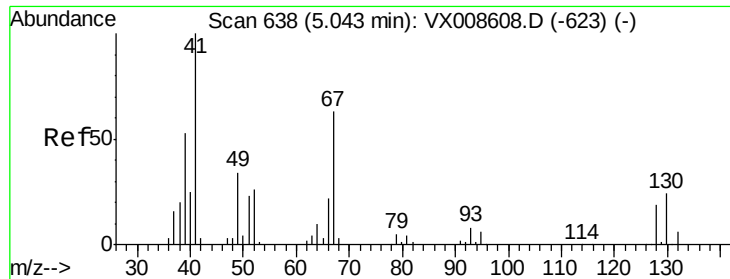
Tgt Ion: 83 Resp: 201277
Ion Ratio Lower Upper
83 100
55 87.4 69.0 103.6
98 43.1 34.4 51.6



#40
Benzene
Concen: 48.944 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 78 Resp: 475520
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

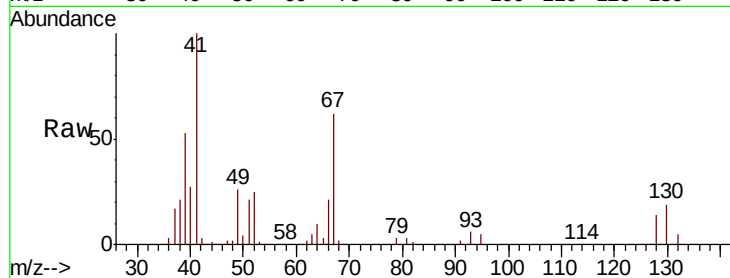




#41
Methacrylonitrile
Concen: 50.079 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:	41	Resp:	125307
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.1	63.1
67	63.1	51.0	76.6
52	25.6	21.4	32.0



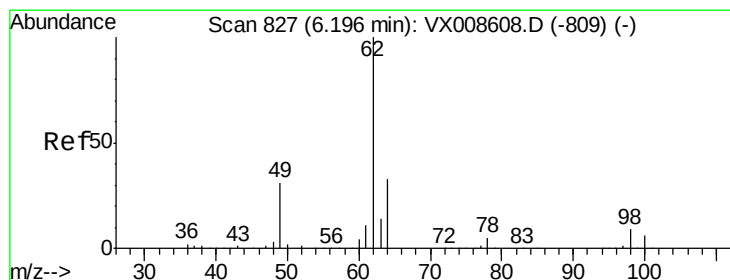
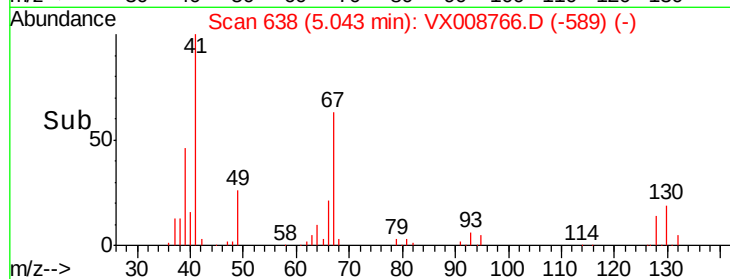
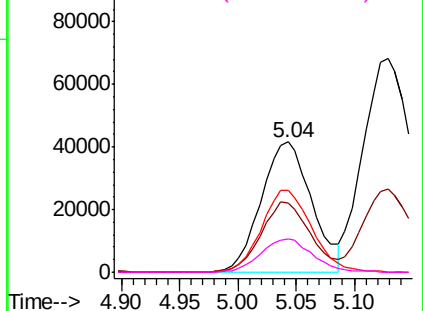
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

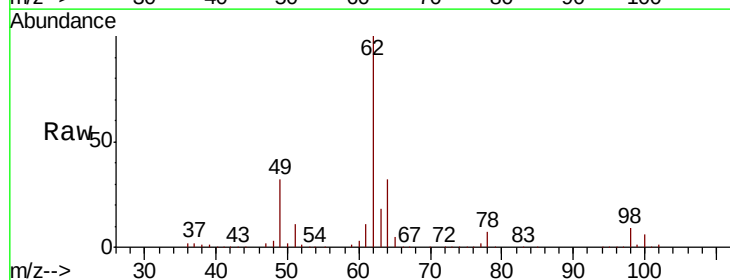
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.806 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

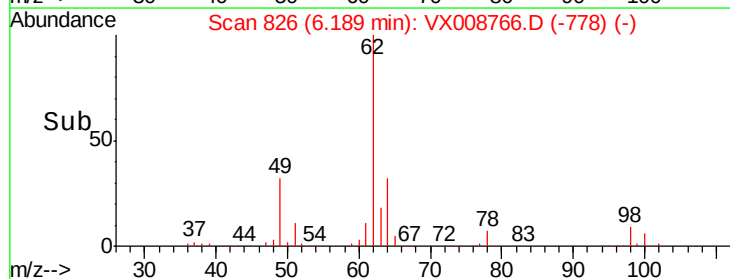
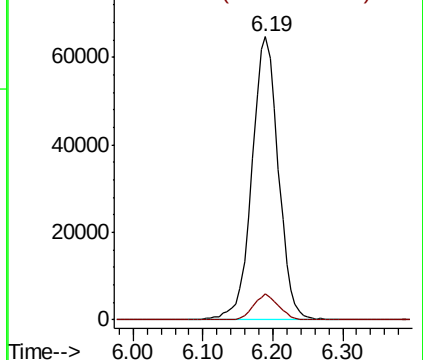
Tgt Ion:	62	Resp:	169993
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

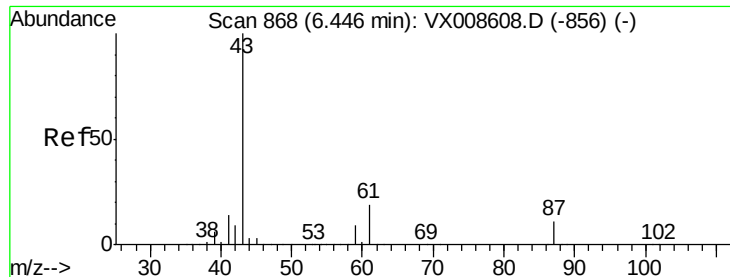


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.482 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

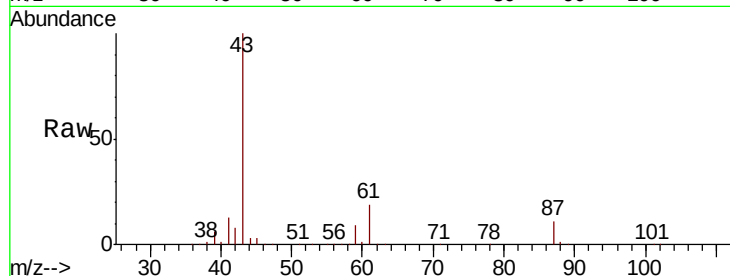
Tgt Ion: 43 Resp: 344243

Ion Ratio Lower Upper

43 100

61 18.8 15.3 22.9

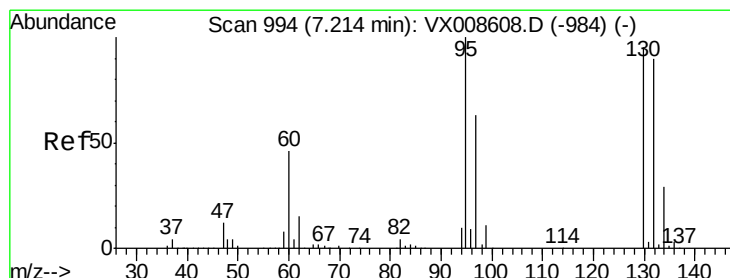
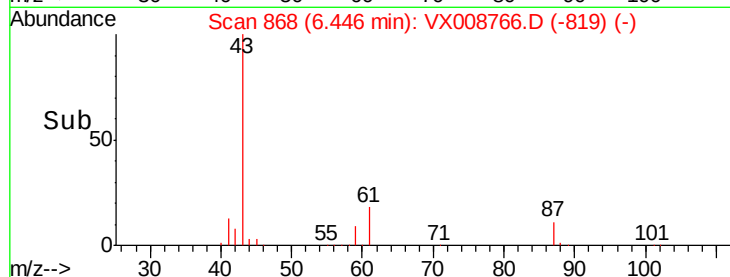
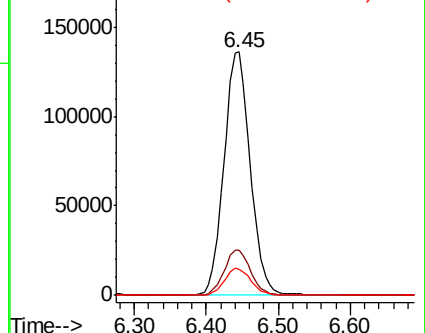
87 11.3 9.0 13.6



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: 49.816 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008766.D

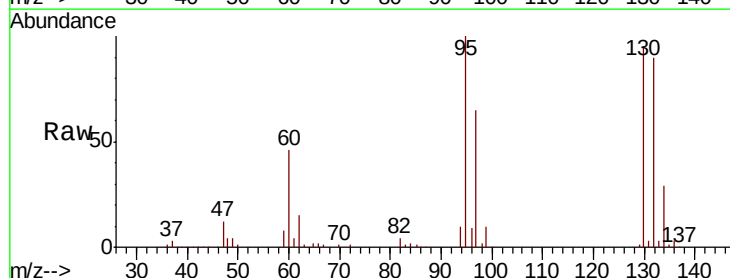
Acq: 09 Apr 2019 13:00

Tgt Ion: 130 Resp: 112725

Ion Ratio Lower Upper

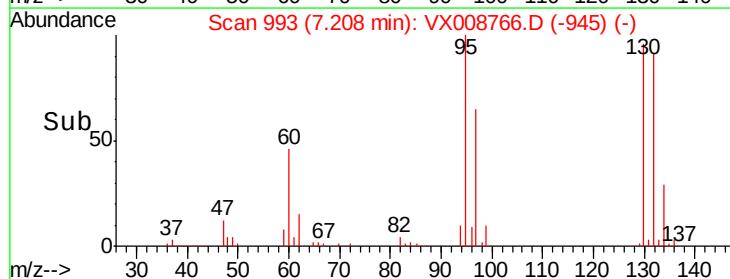
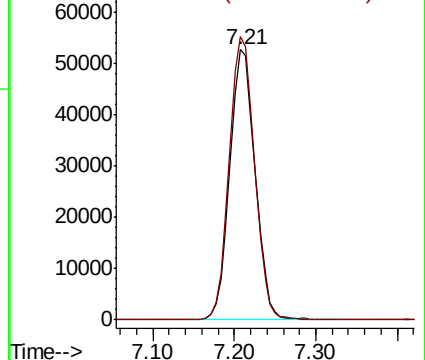
130 100

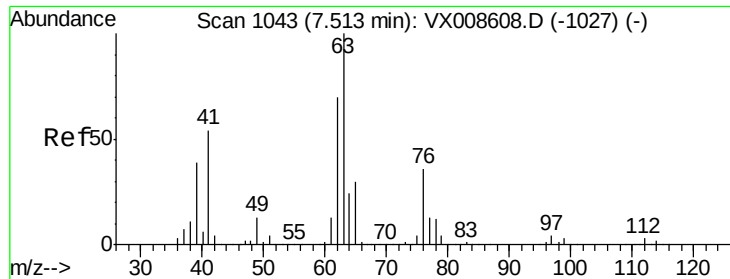
95 104.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

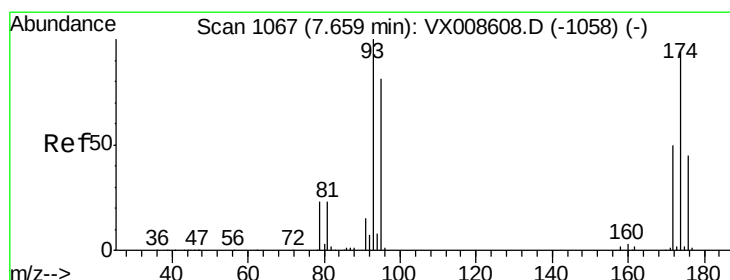
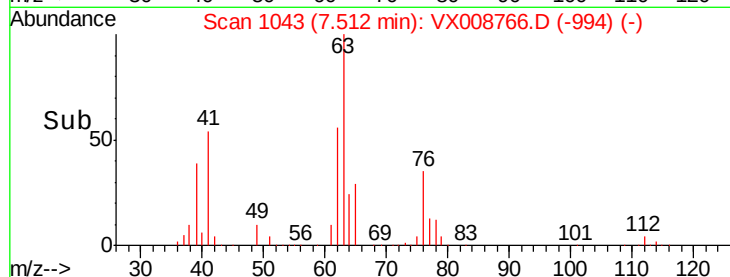
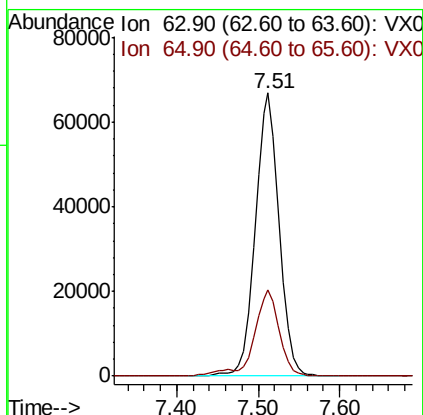
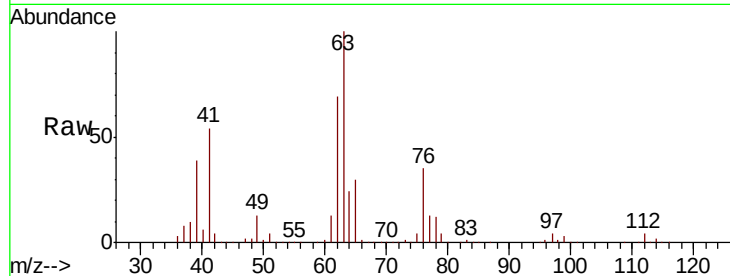




#45
 1,2-Dichloropropane
 Concen: 49.181 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

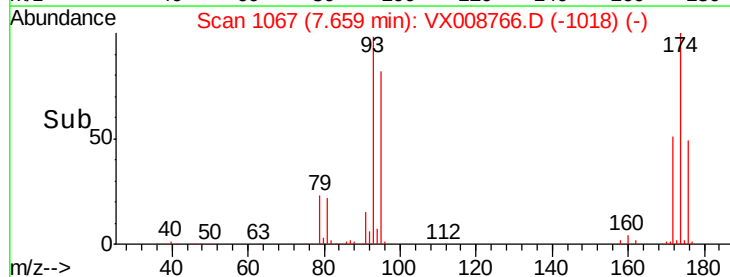
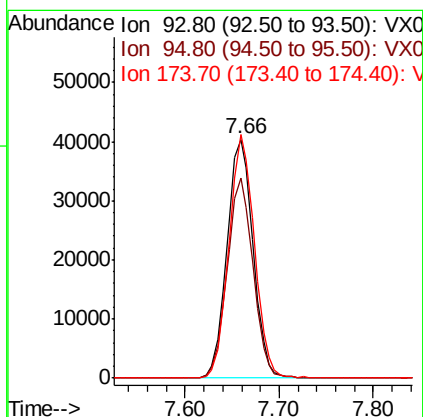
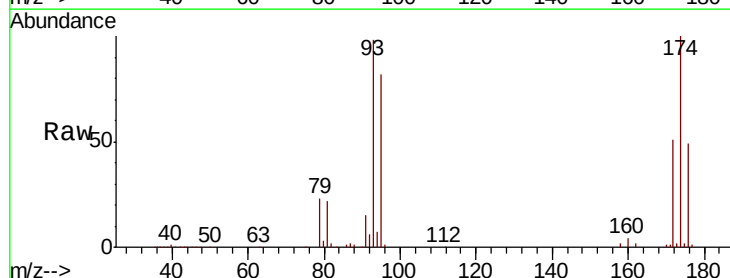
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

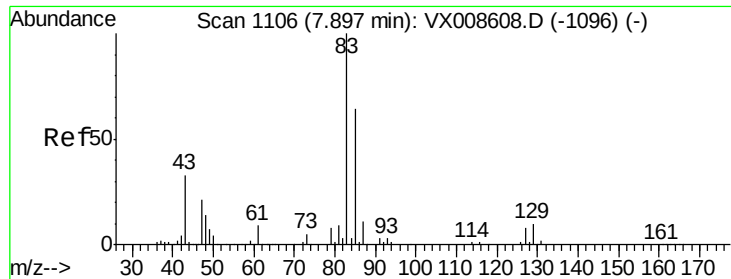
Tgt Ion: 63 Resp: 136383
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4



#46
 Dibromomethane
 Concen: 48.171 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 93 Resp: 77474
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 99.8 77.7 116.5

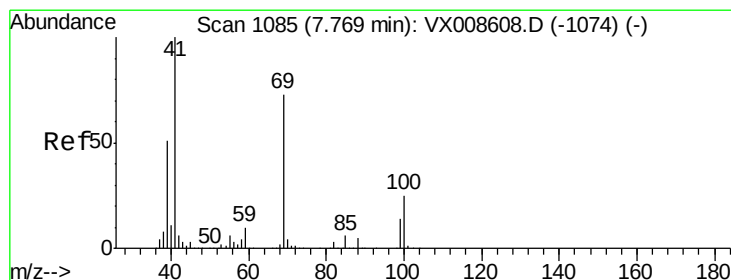
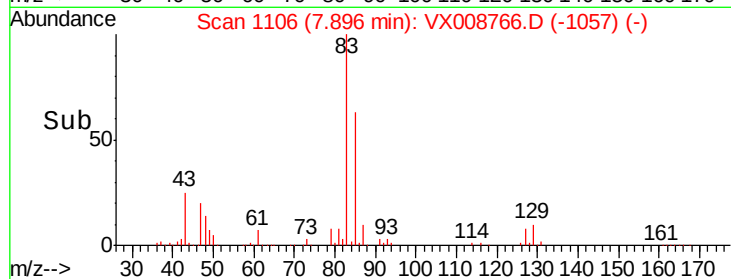
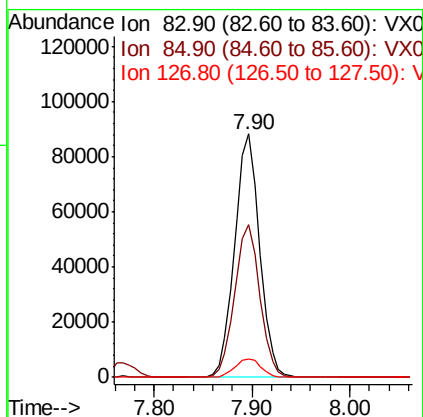
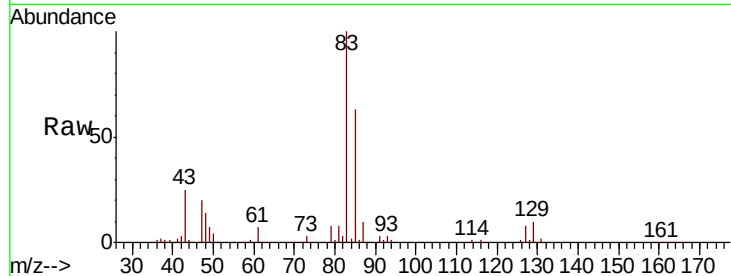




#47
 Bromodichloromethane
 Concen: 51.580 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

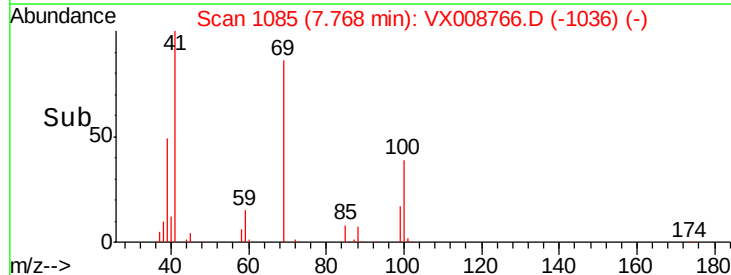
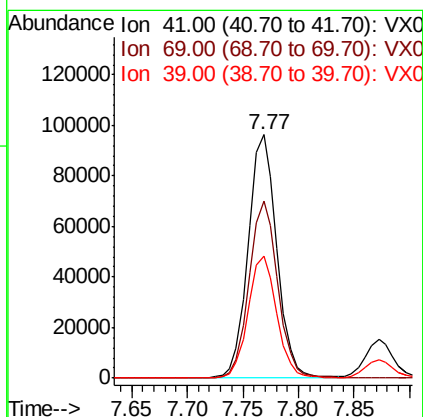
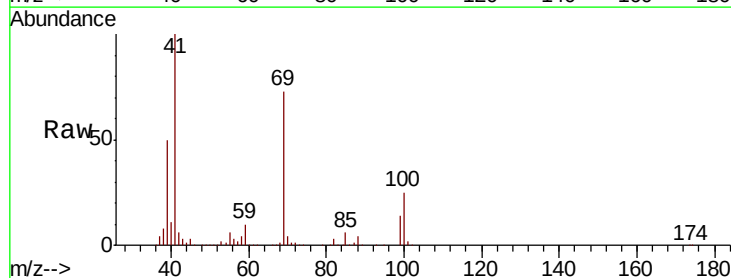
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

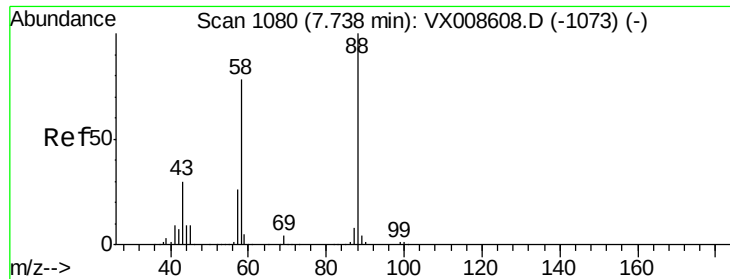
Tgt Ion: 83 Resp: 156415
 Ion Ratio Lower Upper
 83 100
 85 62.6 51.2 76.8
 127 7.7 6.6 10.0



#48
 Methyl methacrylate
 Concen: 50.120 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 41 Resp: 172884
 Ion Ratio Lower Upper
 41 100
 69 73.1 59.0 88.4
 39 50.0 41.0 61.4

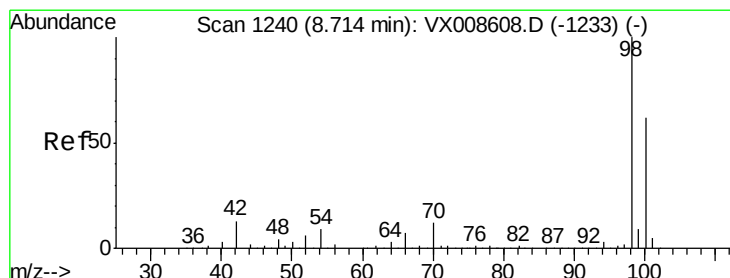
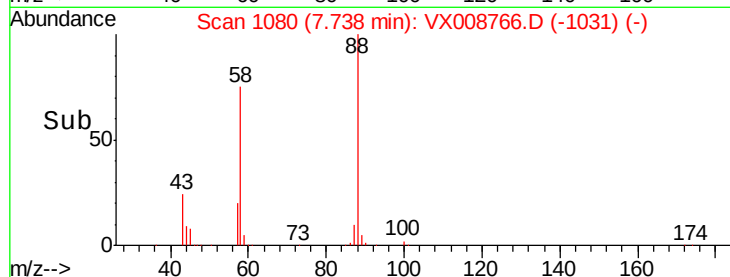
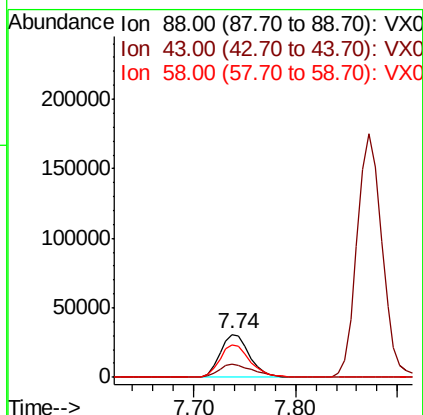
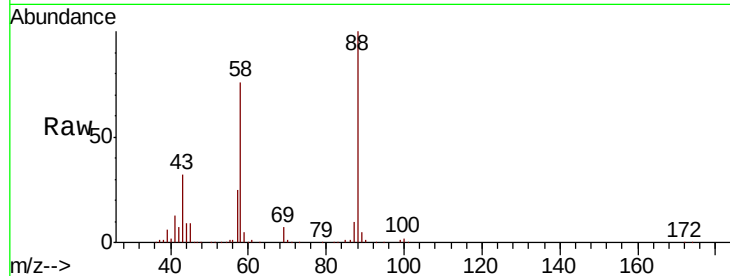




#49
 1,4-Dioxane
 Concen: 956.862 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

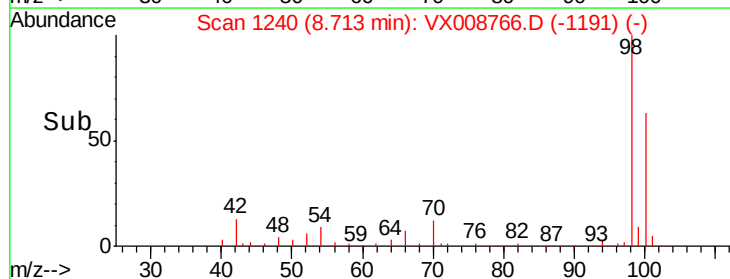
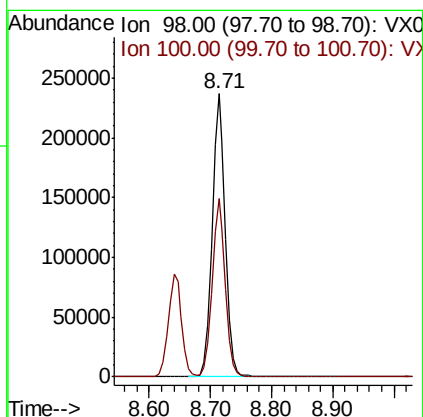
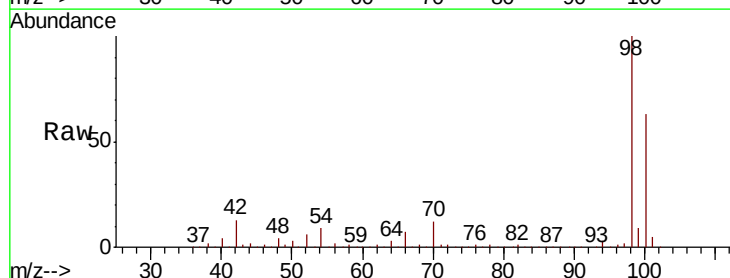
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

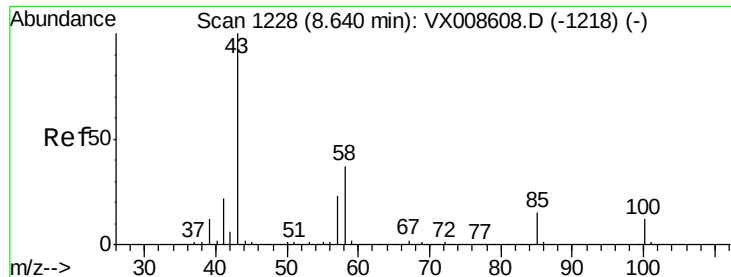
Tgt Ion: 88 Resp: 61830
 Ion Ratio Lower Upper
 88 100
 43 36.5 28.6 43.0
 58 78.8 62.2 93.2



#50
 Toluene-d8
 Concen: 47.461 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 98 Resp: 360473
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 248.896 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

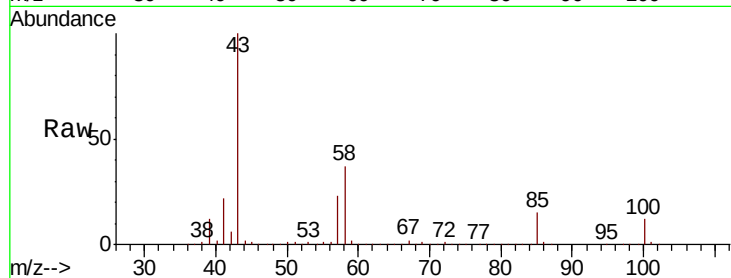
BFB

Tgt Ion: 43 Resp: 1092574

Ion Ratio Lower Upper

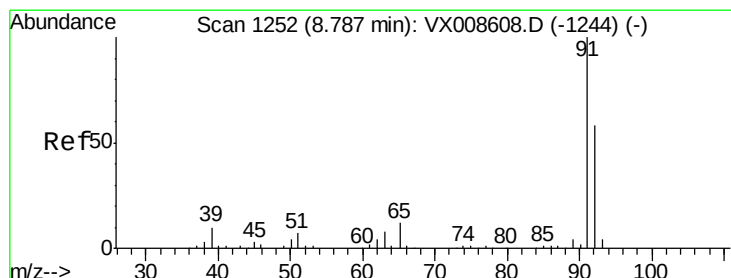
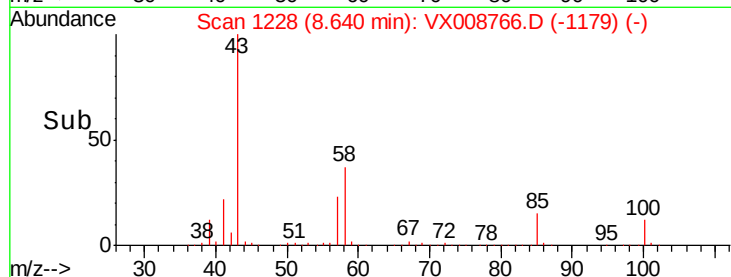
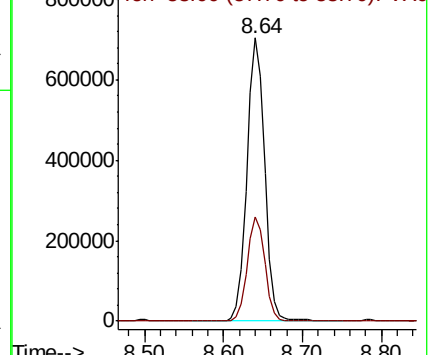
43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.097 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008766.D

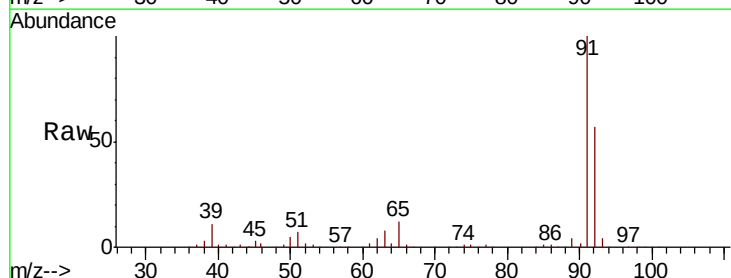
Acq: 09 Apr 2019 13:00

Tgt Ion: 92 Resp: 281219

Ion Ratio Lower Upper

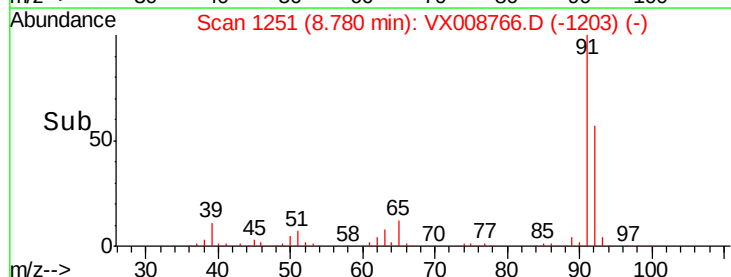
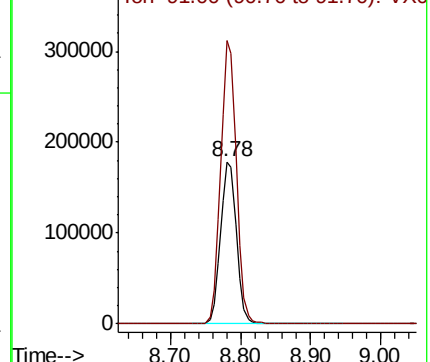
92 100

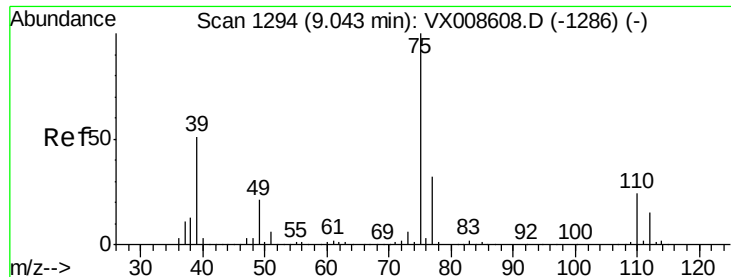
91 173.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

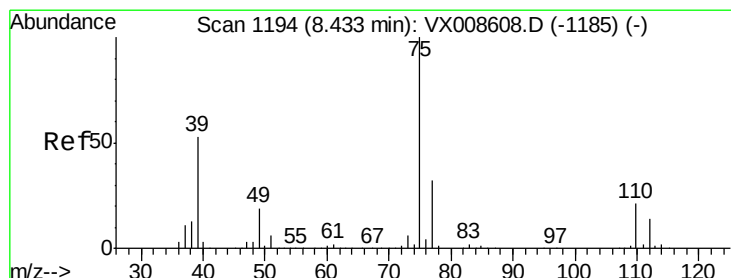
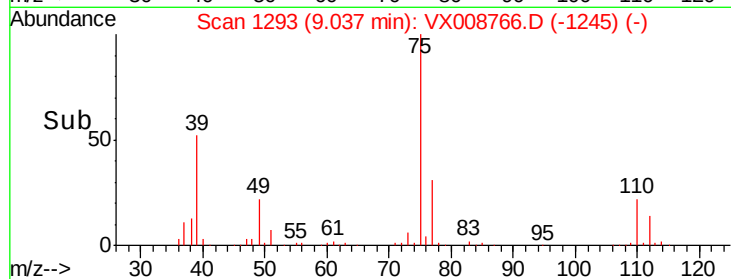
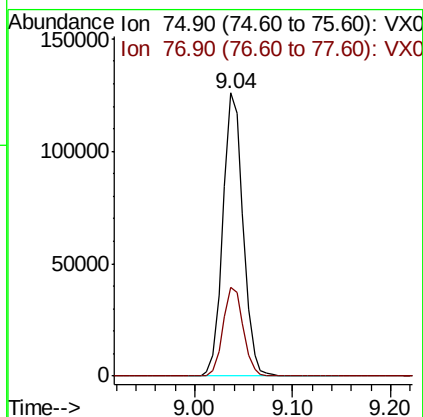
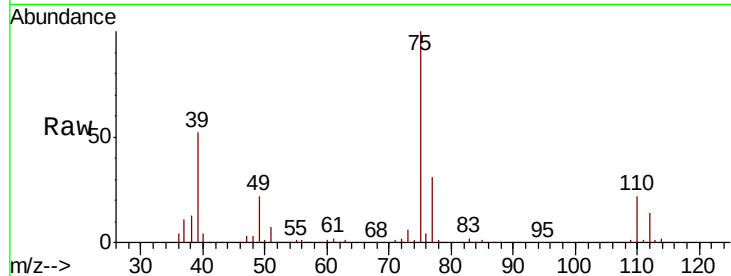




#53
t-1,3-Dichloropropene
Concen: 53.037 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

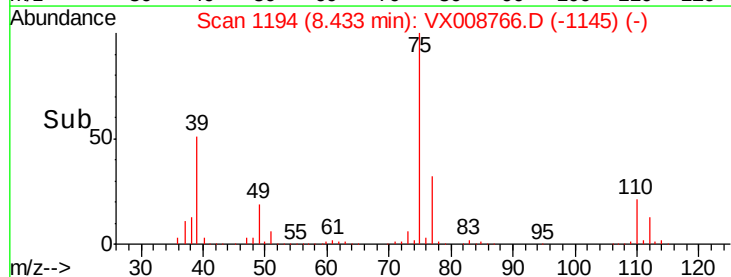
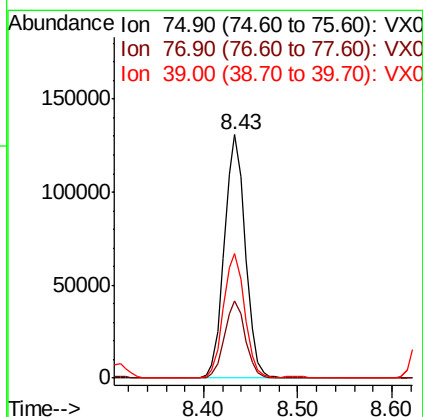
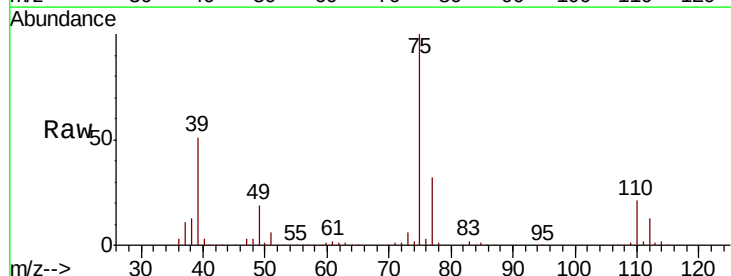
Instrument :
MSVOA_X
ClientSampled :
BFB

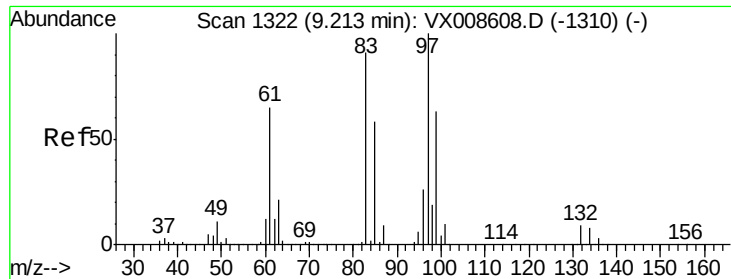
Tgt Ion: 75 Resp: 180163
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.965 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 75 Resp: 201701
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 51.4 42.6 63.8

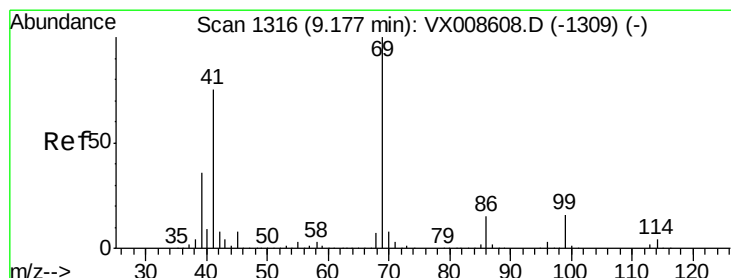
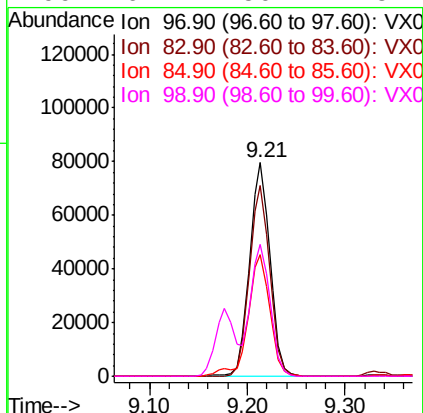
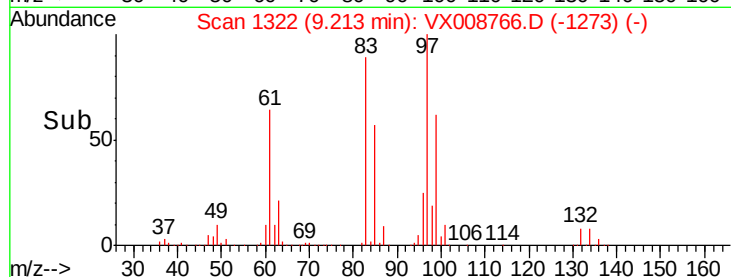
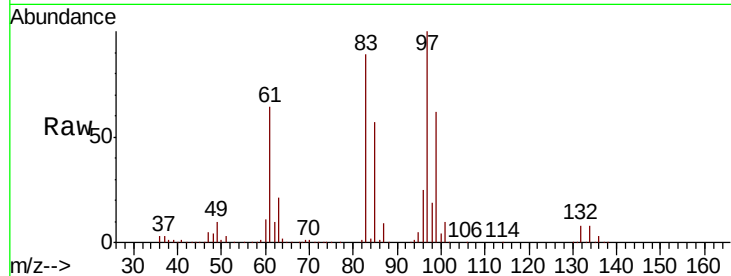




#55
 1,1,2-Trichloroethane
 Concen: 50.170 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

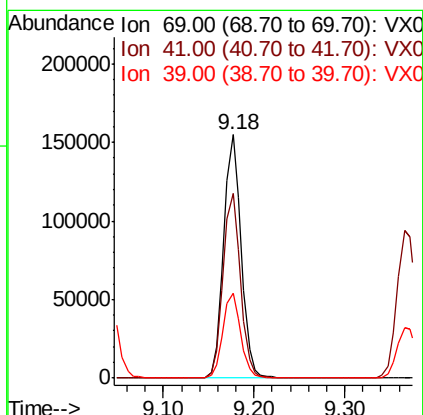
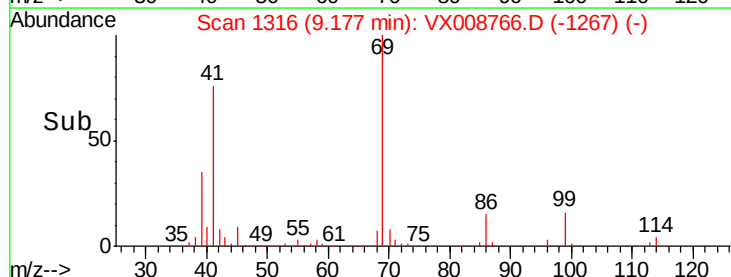
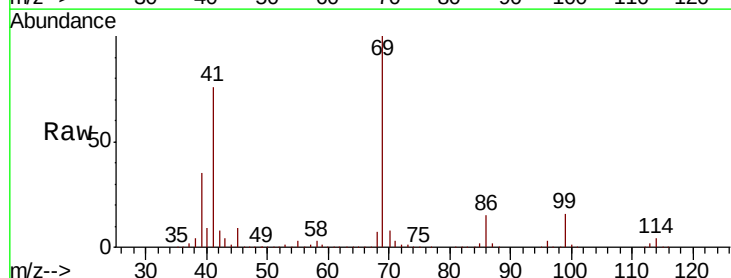
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

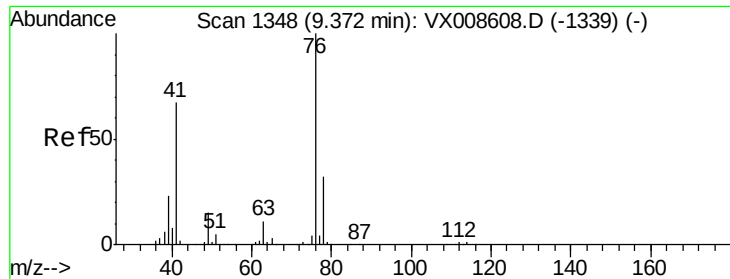
Tgt Ion: 97 Resp: 115351
 Ion Ratio Lower Upper
 97 100
 83 89.2 73.2 109.8
 85 57.1 46.6 69.8
 99 61.7 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 50.232 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 69 Resp: 208963
 Ion Ratio Lower Upper
 69 100
 41 75.6 60.1 90.1
 39 35.5 28.9 43.3

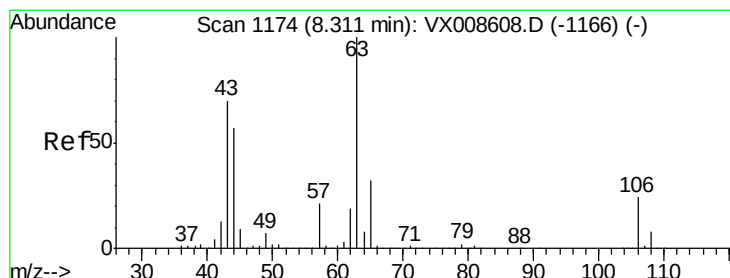
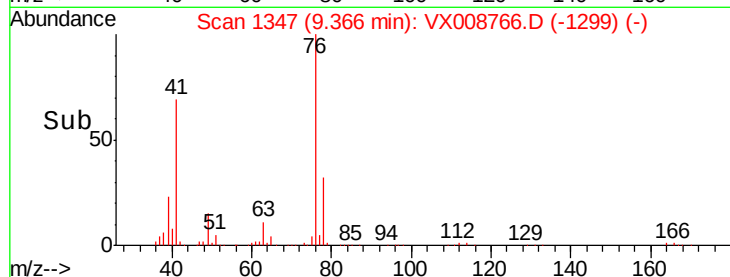
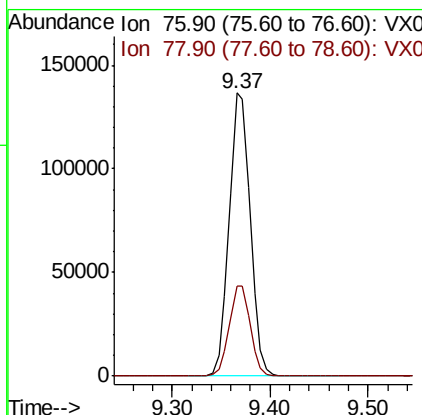
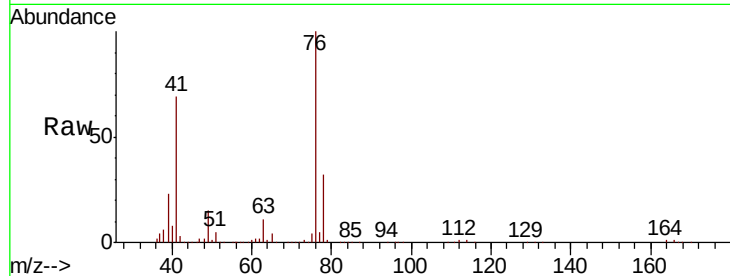




#57
 1,3-Dichloropropane
 Concen: 49.472 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

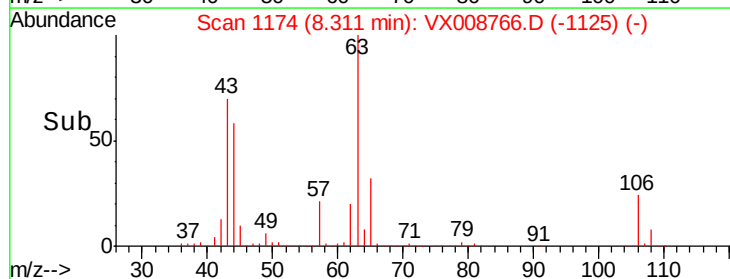
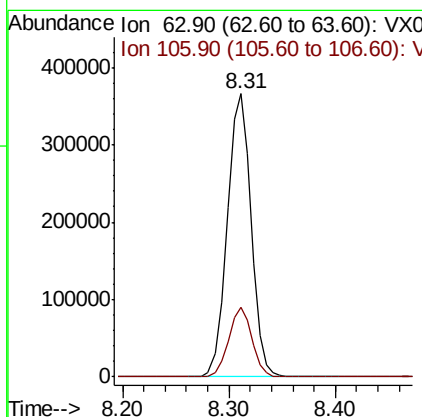
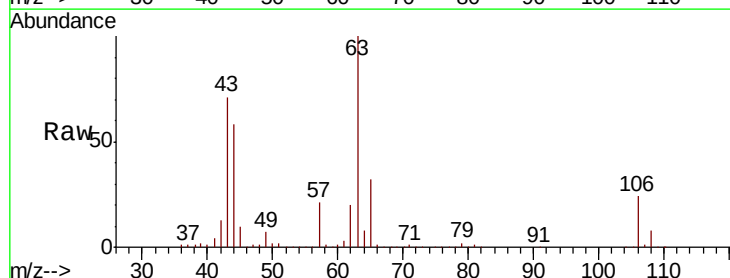
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

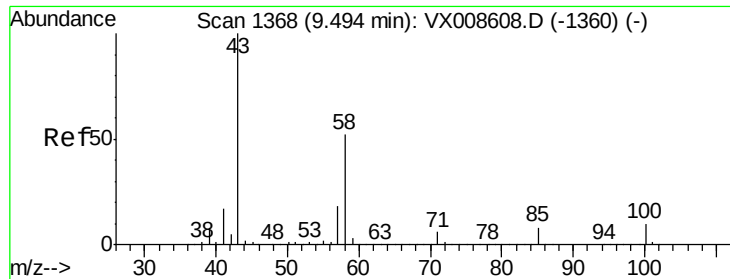
Tgt Ion: 76 Resp: 204247
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.440 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 63 Resp: 574460
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6

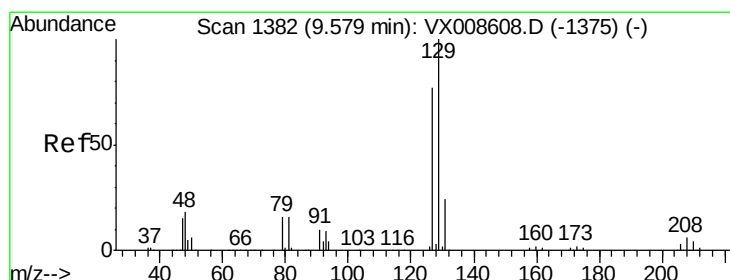
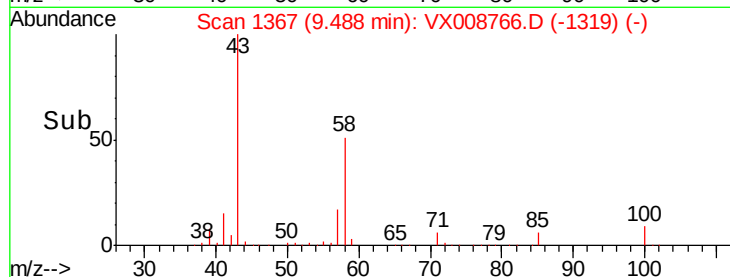
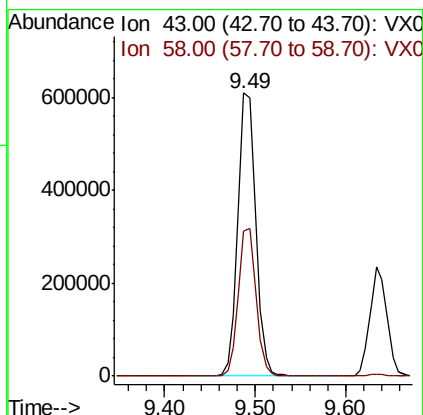
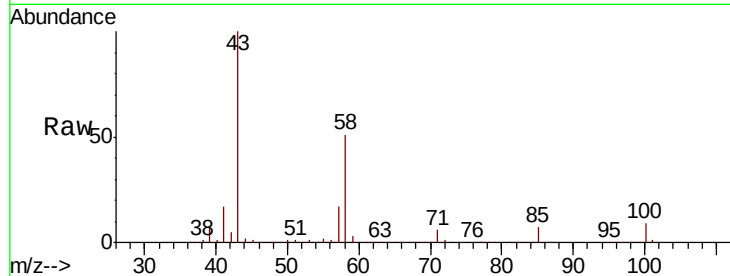




#59
2-Hexanone
Concen: 248.347 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

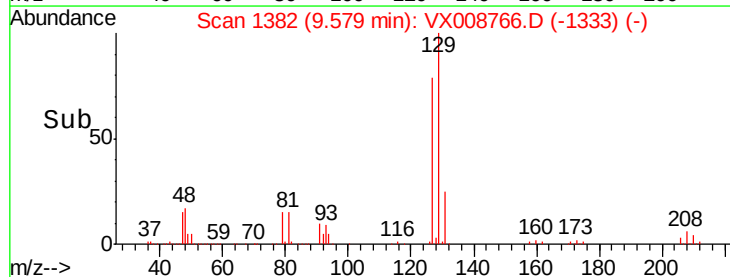
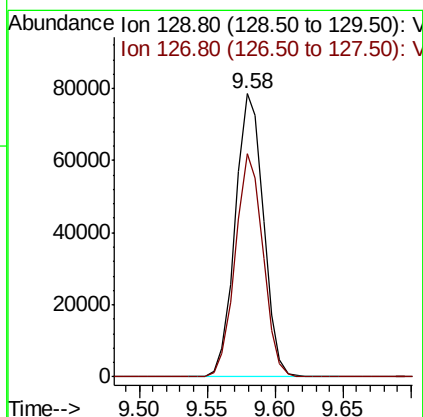
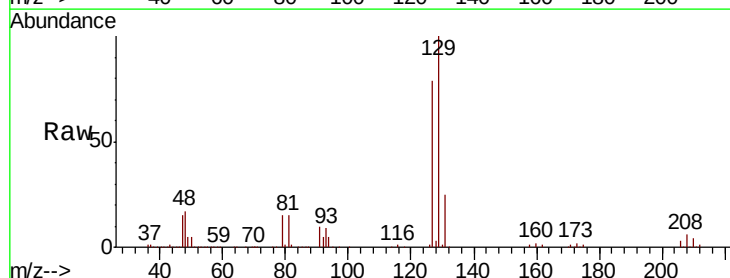
Instrument :
MSVOA_X
ClientSampled :
BFB

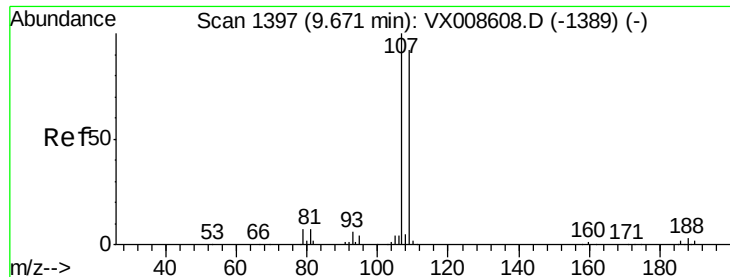
Tgt Ion: 43 Resp: 847218
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 52.315 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 129 Resp: 113345
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

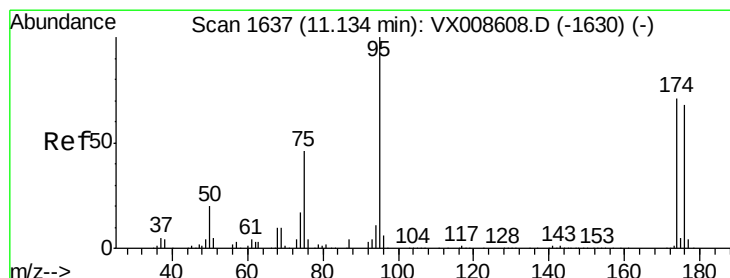
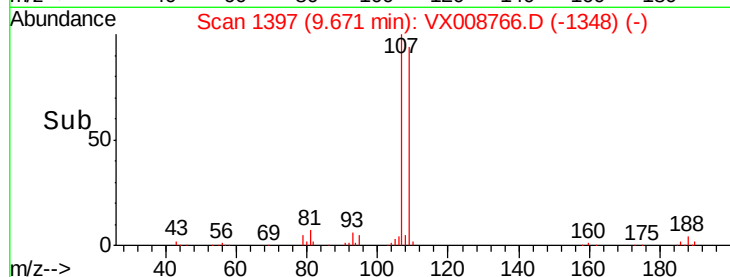
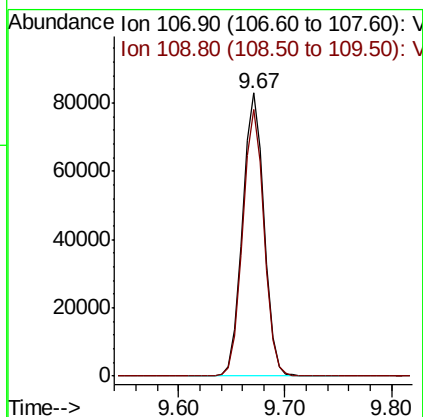
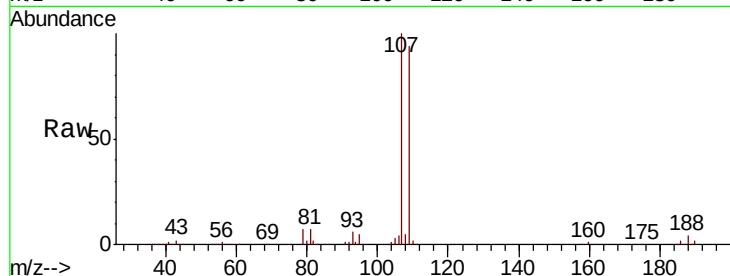




#61
 1,2-Dibromoethane
 Concen: 49.187 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

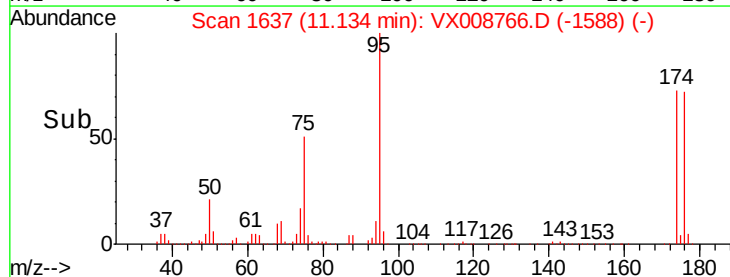
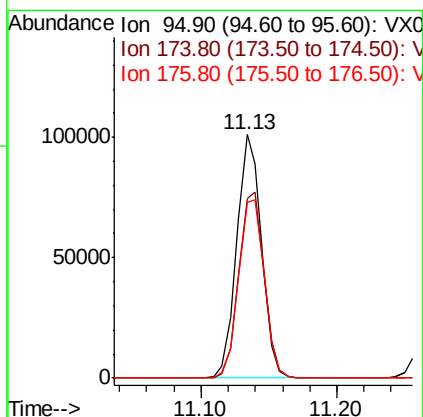
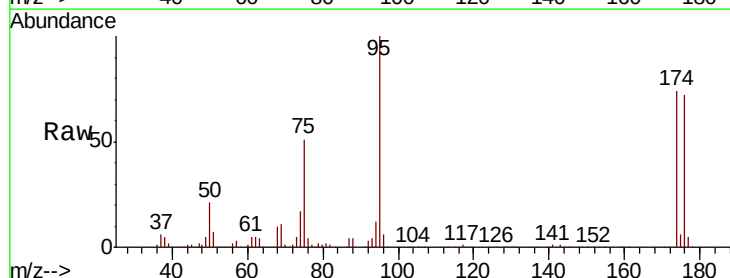
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

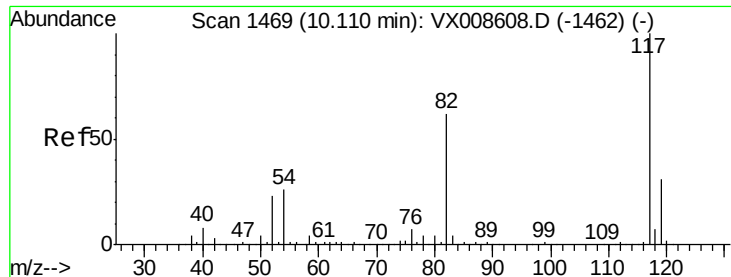
Tgt Ion: 107 Resp: 117732
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 47.224 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 95 Resp: 127191
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 151.8
 176 76.8 0.0 145.8

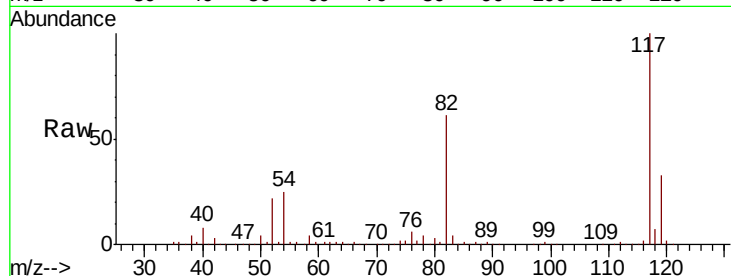




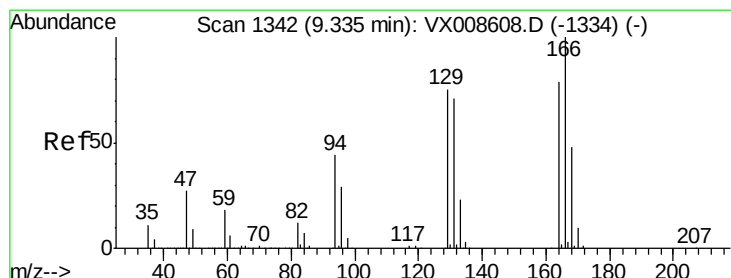
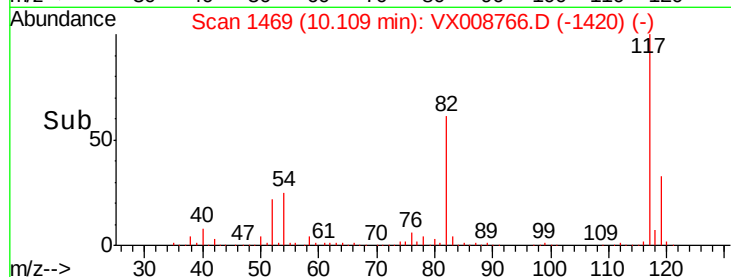
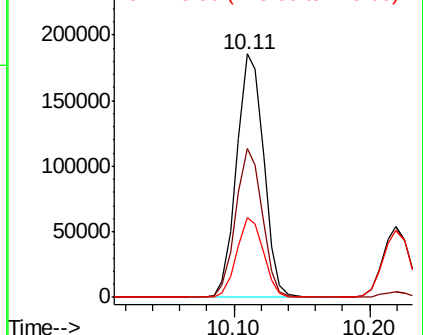
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:117 Resp: 257458
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.6 25.0 37.4

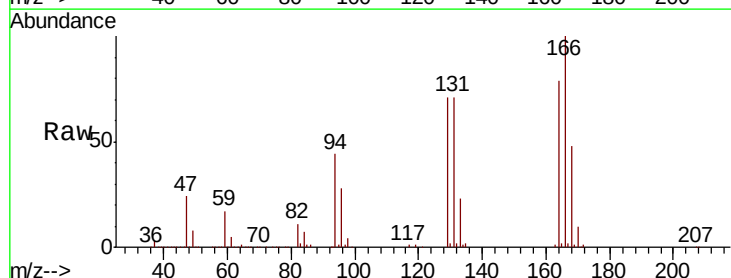


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

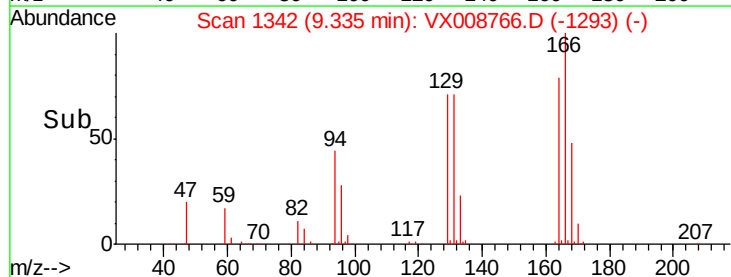
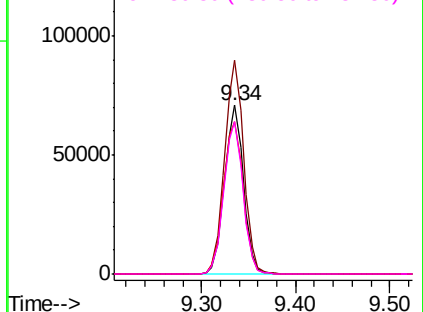


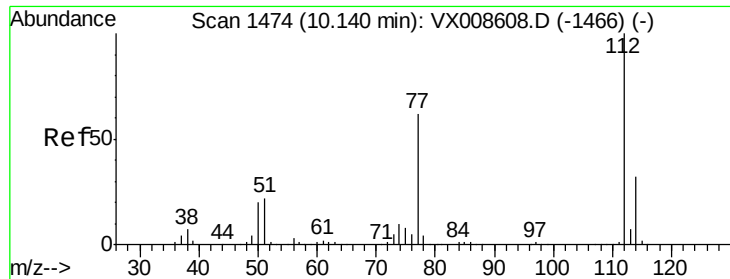
#64
Tetrachloroethene
Concen: 51.909 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion:164 Resp: 99017
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.6
129 89.9 75.8 113.8
131 90.1 71.8 107.8



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

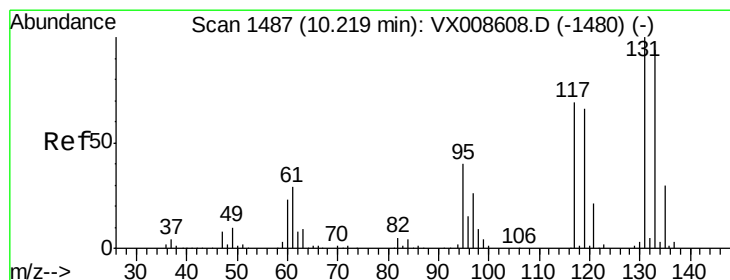
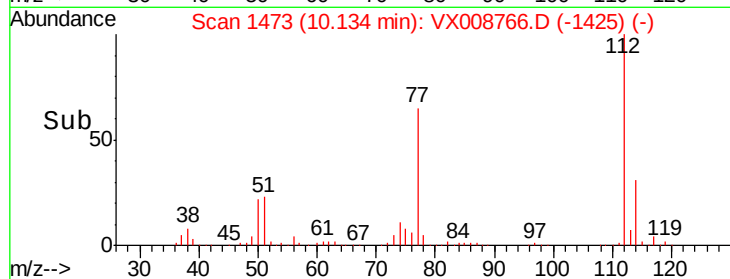
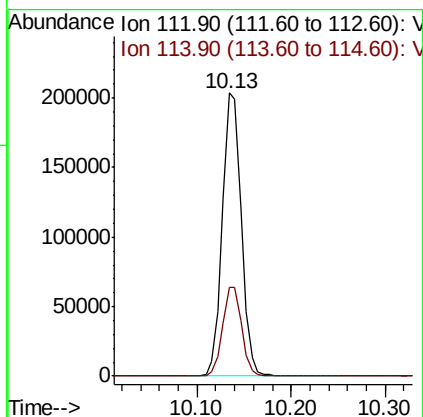
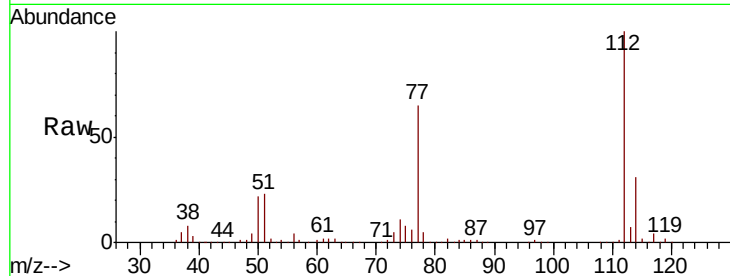




#65
Chlorobenzene
Concen: 49.805 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

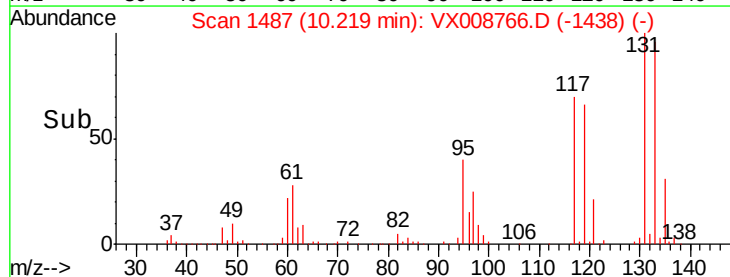
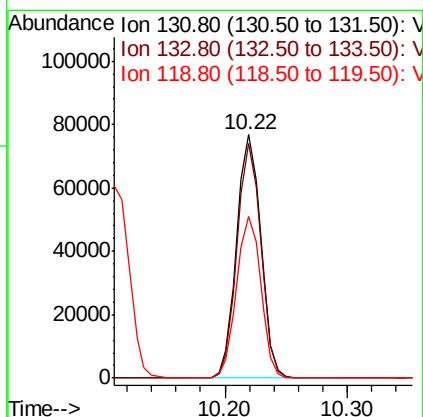
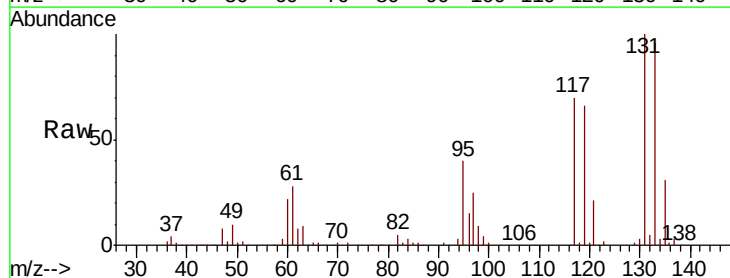
Instrument :
MSVOA_X
ClientSampleId :
BFB

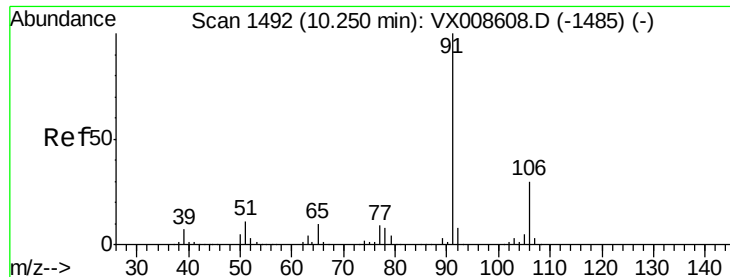
Tgt Ion:112 Resp: 284239
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.424 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion:131 Resp: 104960
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.2
119 66.8 33.7 101.0

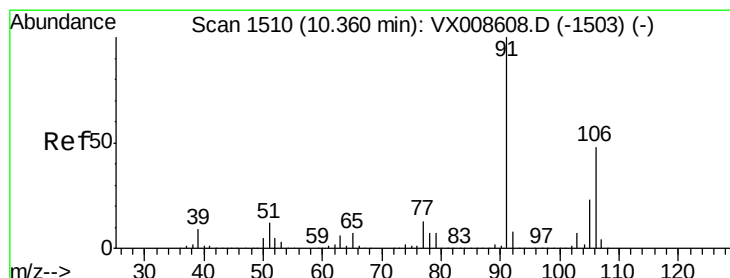
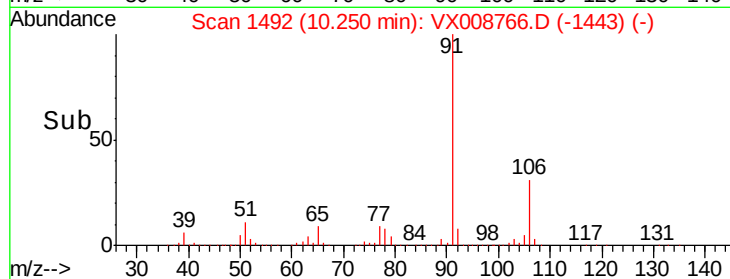
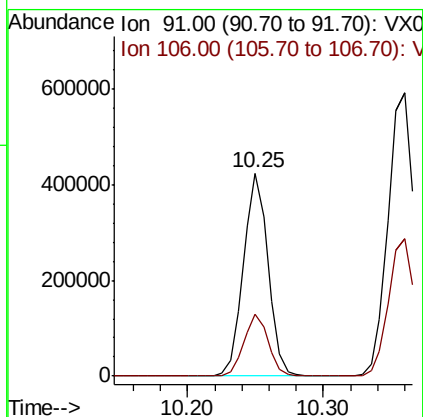
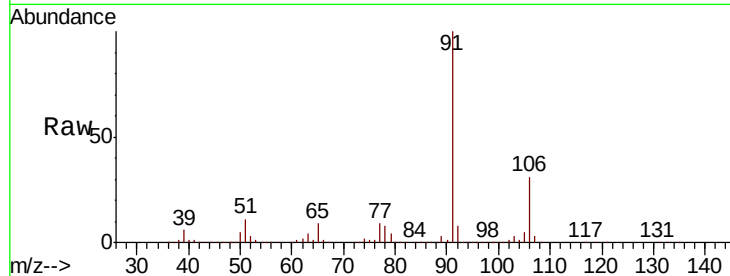




#67
Ethyl Benzene
Concen: 50.201 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

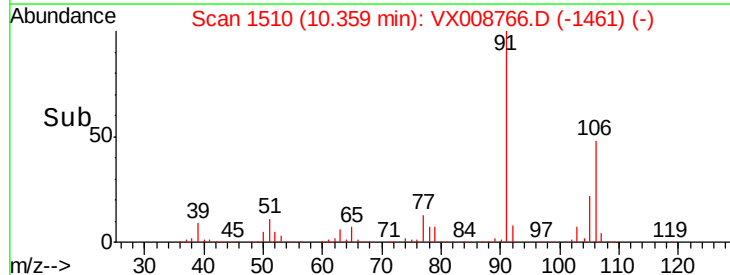
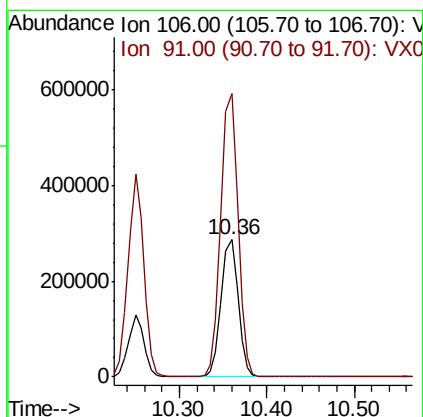
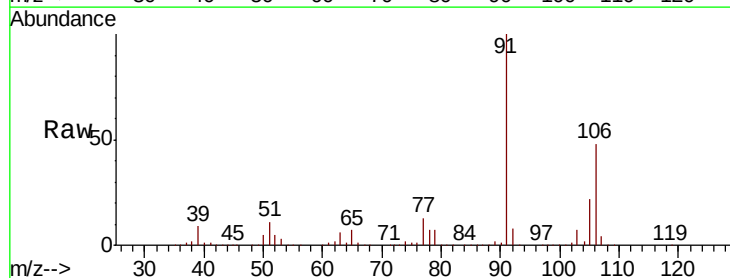
Instrument :
MSVOA_X
ClientSampled :
BFB

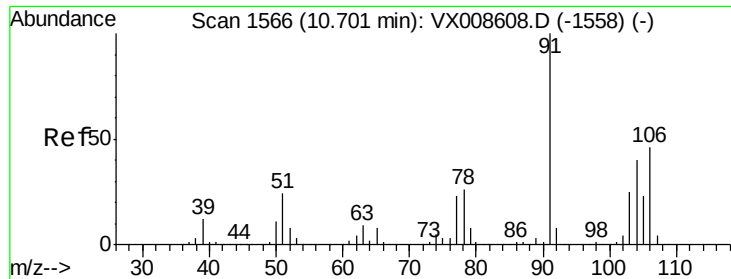
Tgt Ion: 91 Resp: 534228
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5



#68
m/p-Xylenes
Concen: 101.483 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 106 Resp: 388302
Ion Ratio Lower Upper
106 100
91 208.1 168.5 252.7

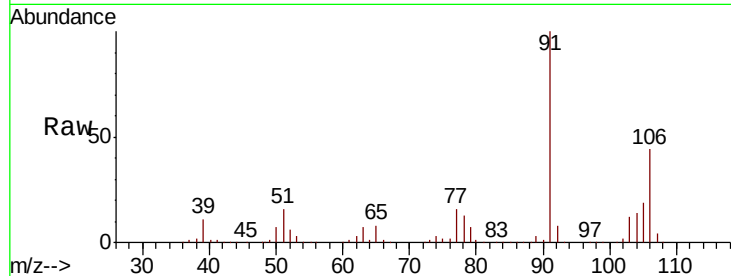




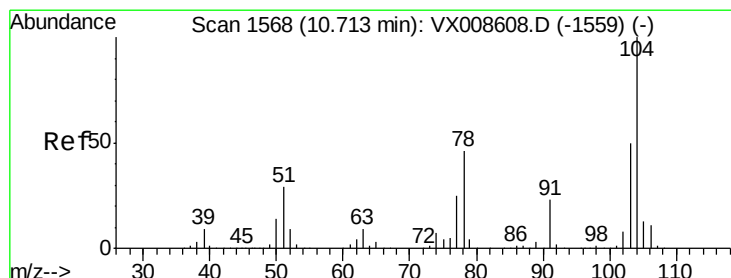
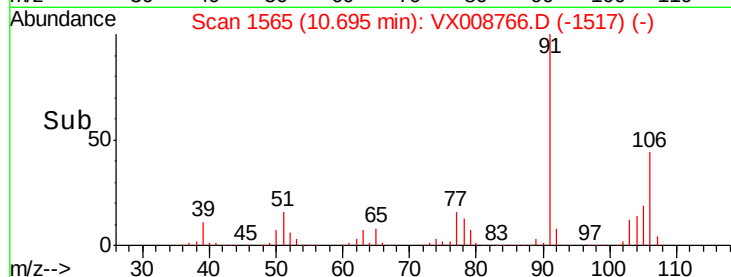
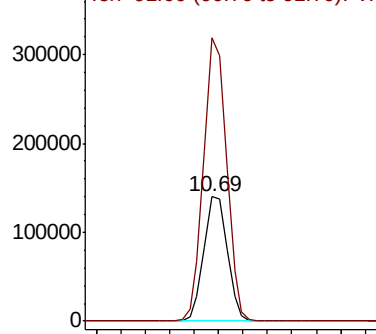
#69
o-Xylene
Concen: 50.432 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:106 Resp: 187007
Ion Ratio Lower Upper
106 100
91 221.2 111.5 334.4

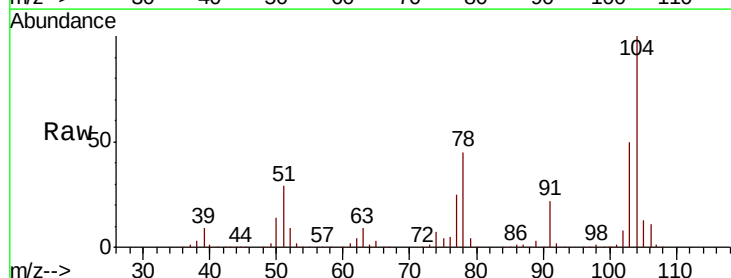


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

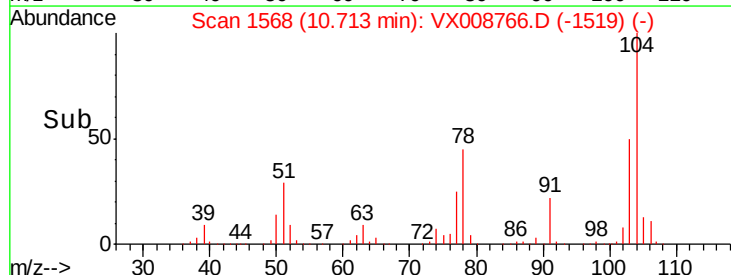
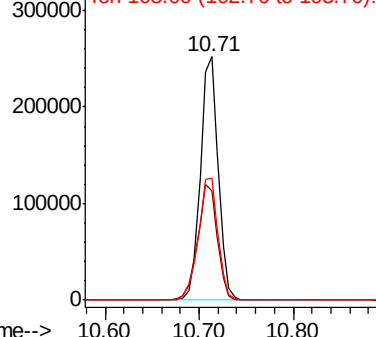


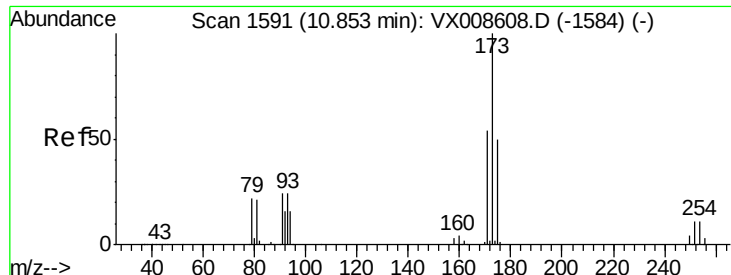
#70
Styrene
Concen: 51.596 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion:104 Resp: 329793
Ion Ratio Lower Upper
104 100
78 52.5 42.3 63.5
103 55.0 44.4 66.6



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





#71

Bromoform

Concen: 53.391 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

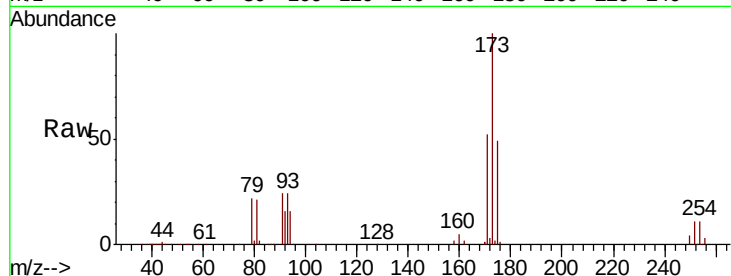
Tgt Ion:173 Resp: 81642

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.6

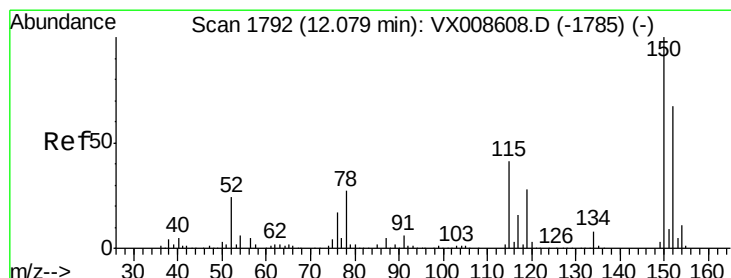
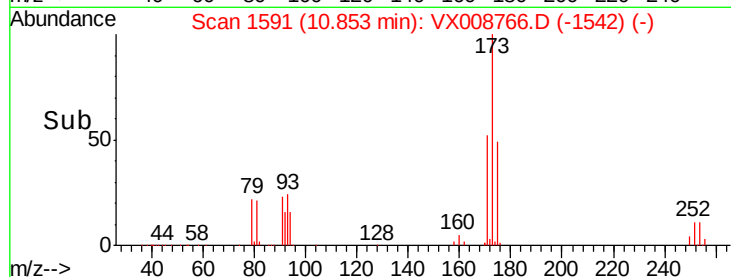
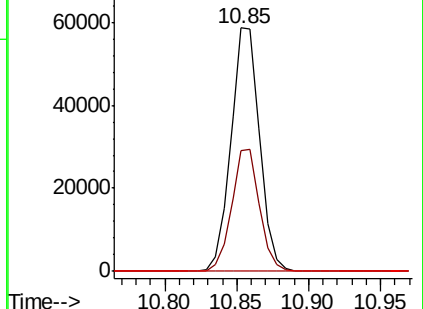
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

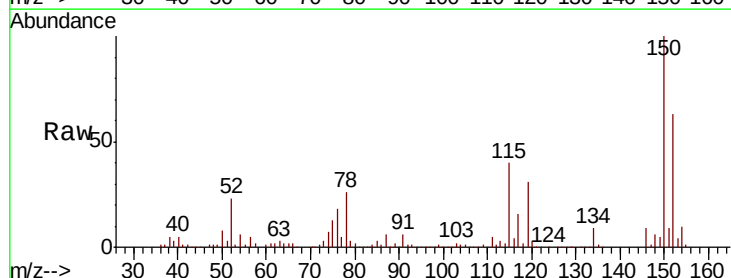
Tgt Ion:152 Resp: 123224

Ion Ratio Lower Upper

152 100

115 86.5 43.5 130.5

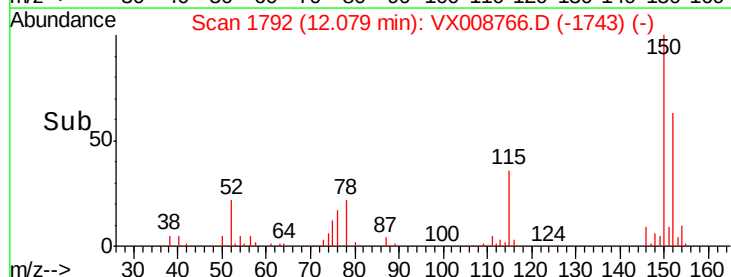
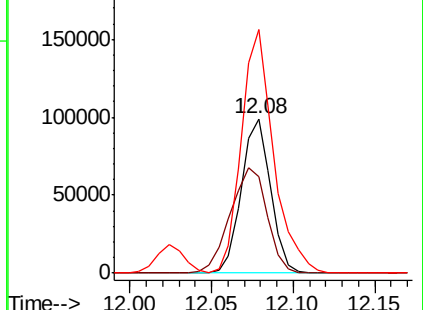
150 173.8 0.0 348.8

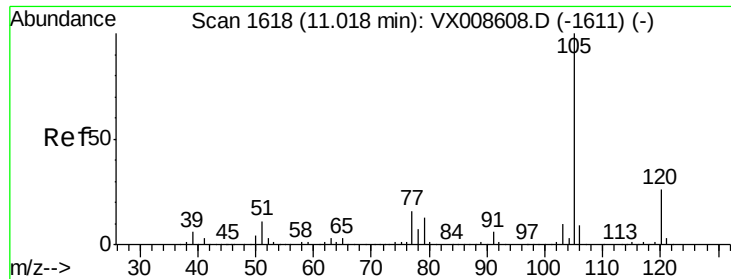


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

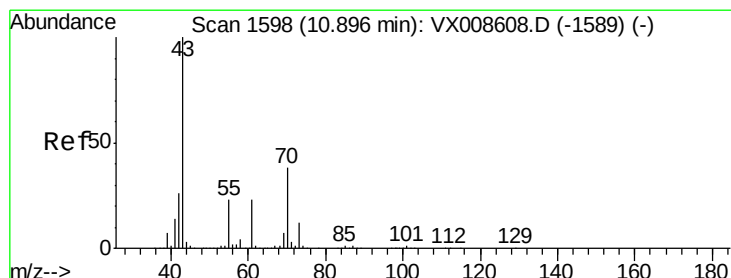
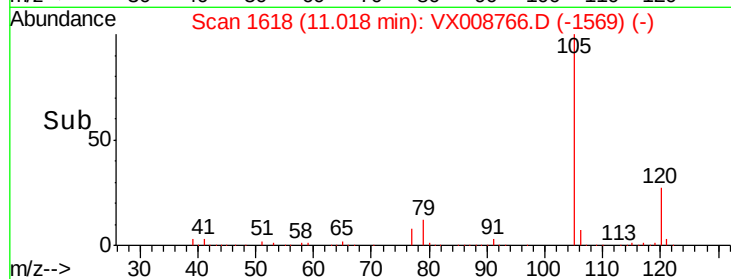
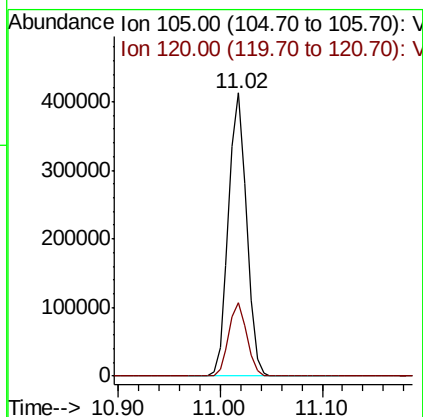
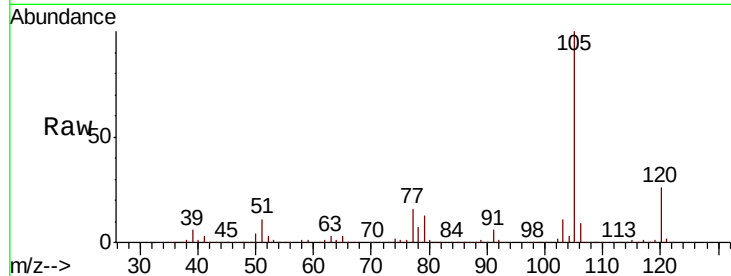




#73
Isopropylbenzene
Concen: 49.437 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

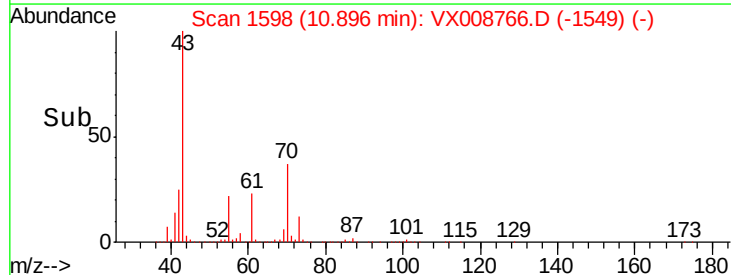
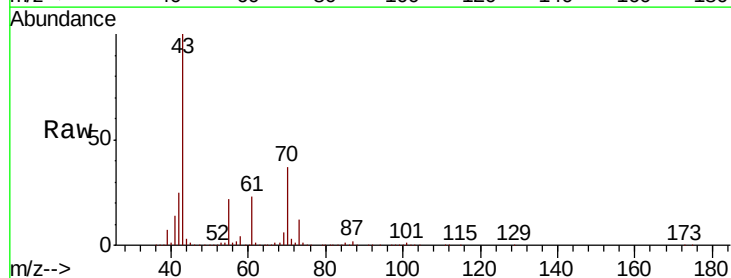
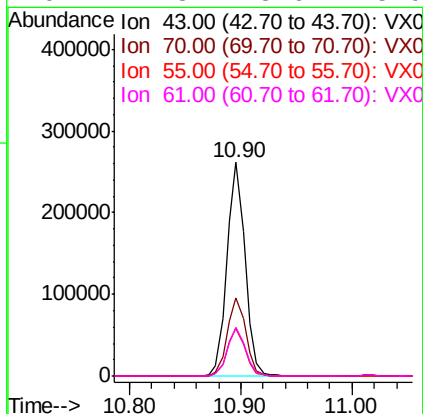
Instrument :
MSVOA_X
ClientSampleId :
BFB

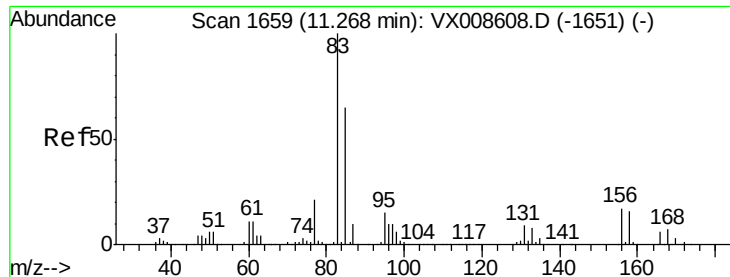
Tgt Ion: 105 Resp: 504846
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 48.861 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 43 Resp: 293564
Ion Ratio Lower Upper
43 100
70 37.2 30.2 45.4
55 22.4 18.2 27.4
61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.960 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

BFB

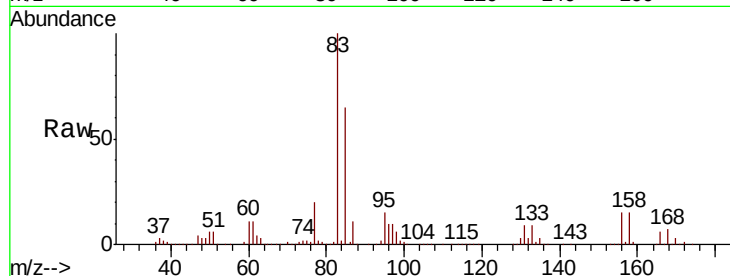
Tgt Ion: 83 Resp: 182383

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

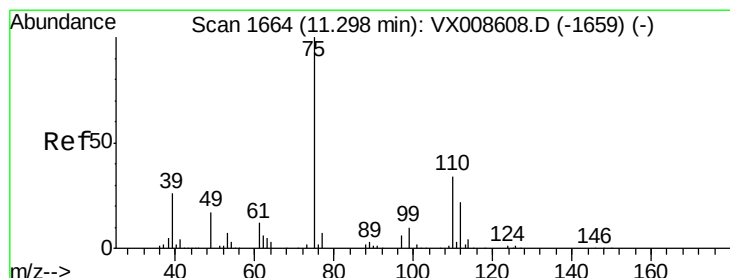
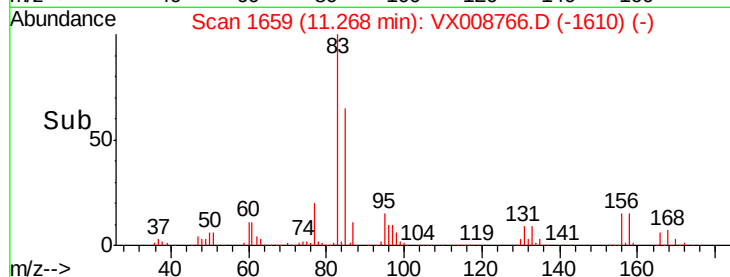
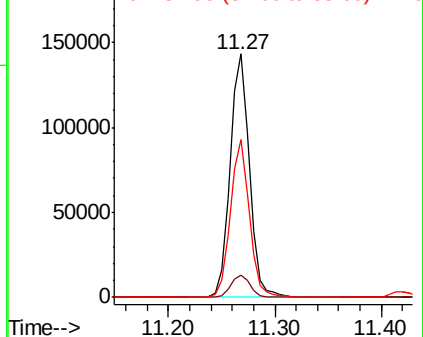
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.670 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008766.D

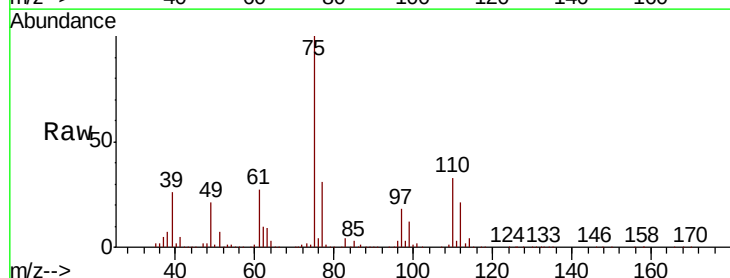
Acq: 09 Apr 2019 13:00

Tgt Ion: 75 Resp: 218912

Ion Ratio Lower Upper

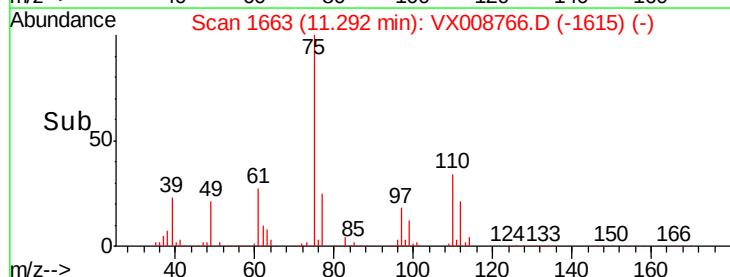
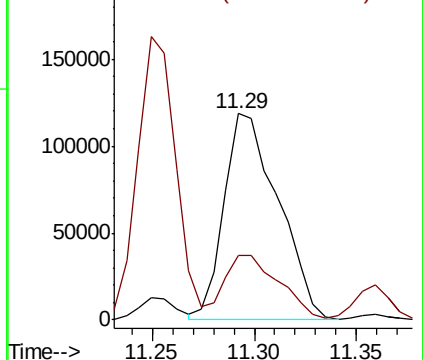
75 100

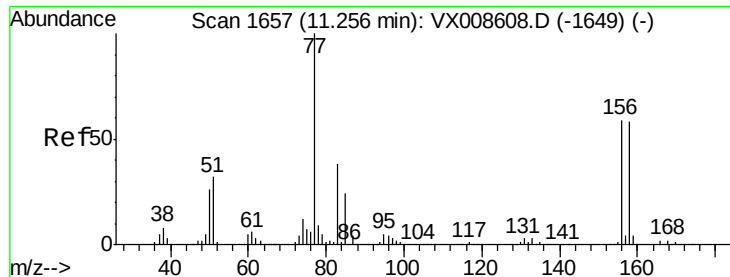
77 31.7 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.233 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

BFB

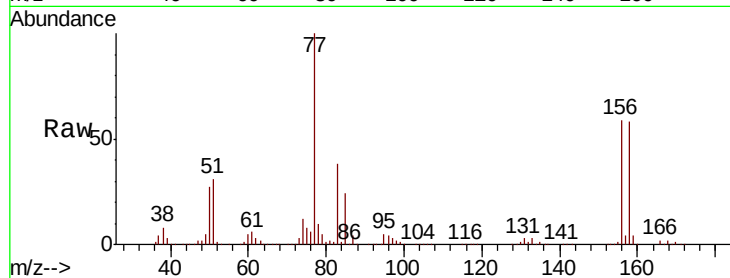
Tgt Ion:156 Resp: 118409

Ion Ratio Lower Upper

156 100

77 178.8 89.8 269.6

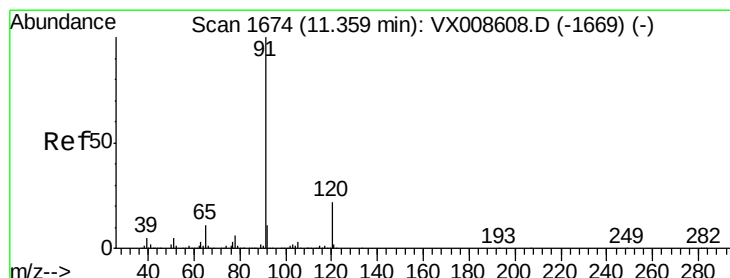
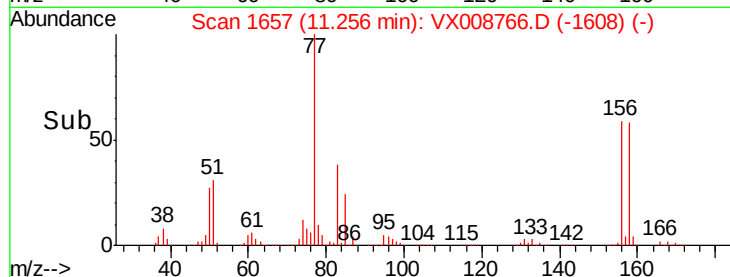
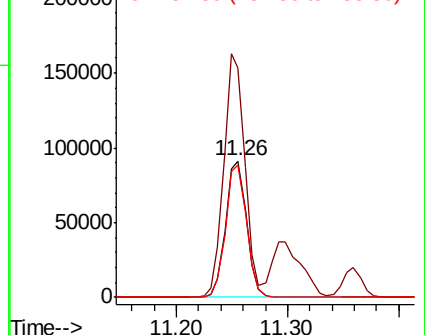
158 97.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.090 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008766.D

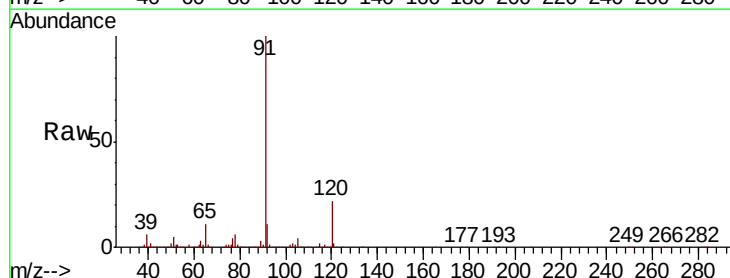
Acq: 09 Apr 2019 13:00

Tgt Ion: 91 Resp: 595597

Ion Ratio Lower Upper

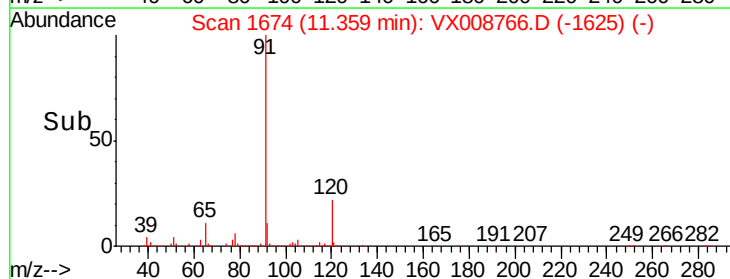
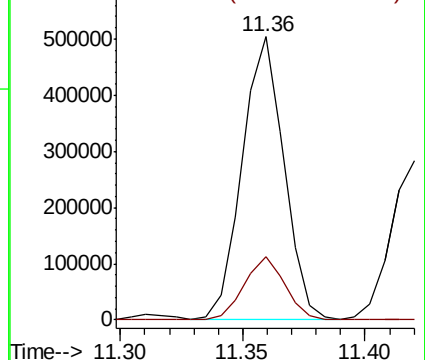
91 100

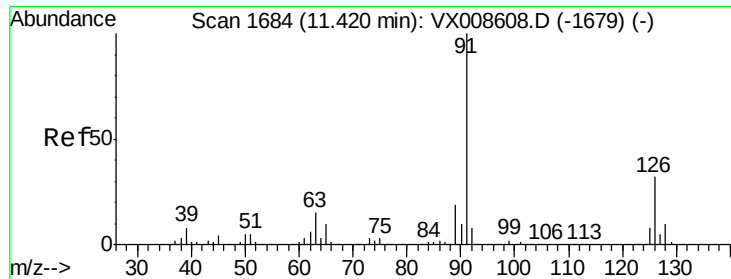
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

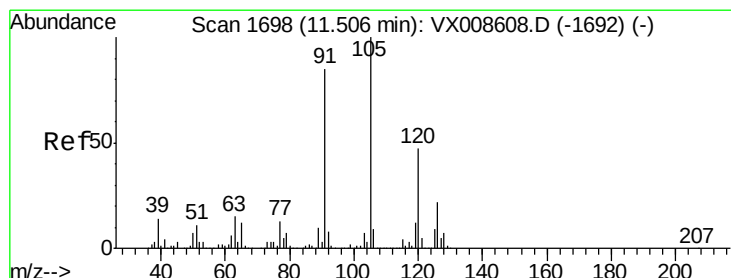
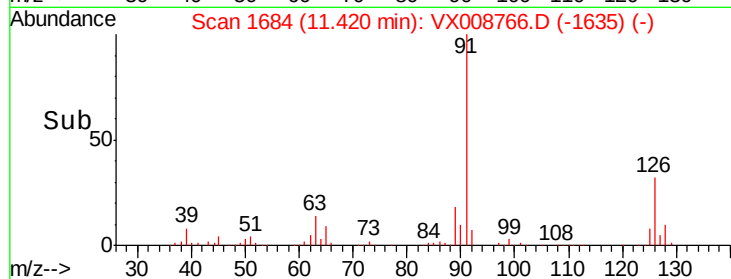
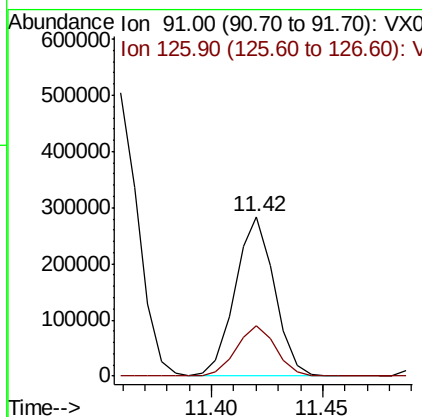
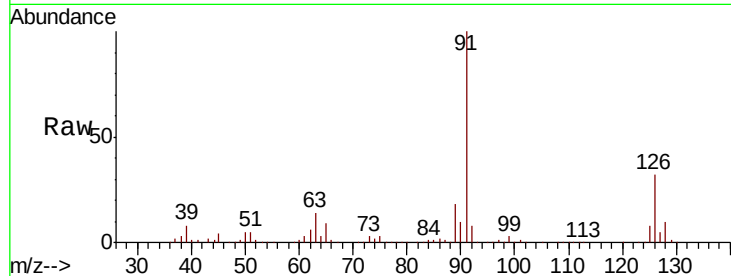




#79
 2-Chlorotoluene
 Concen: 48.179 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

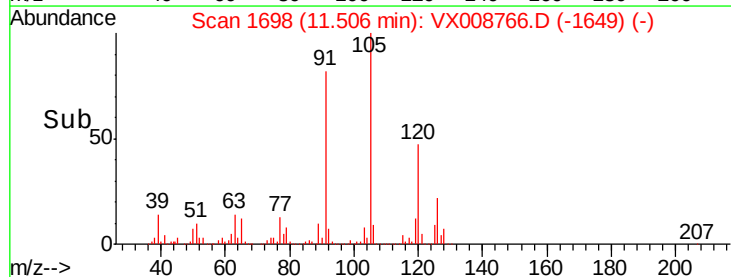
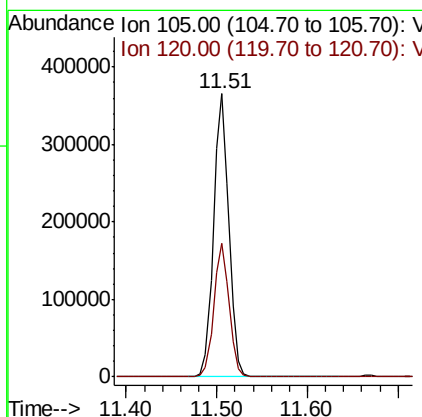
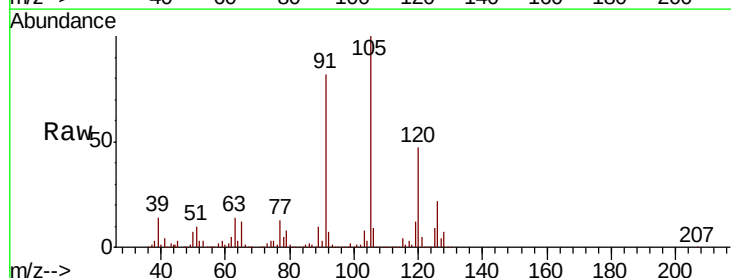
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

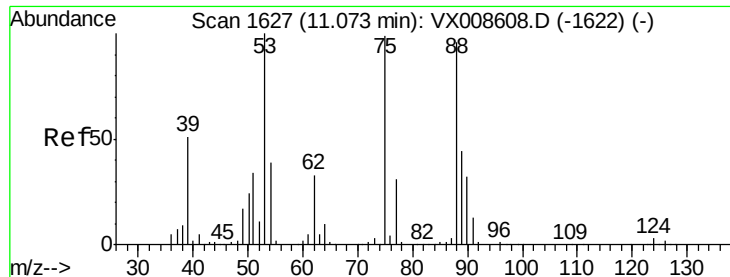
Tgt Ion: 91 Resp: 346675
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.528 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 105 Resp: 433126
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.279 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

BFB

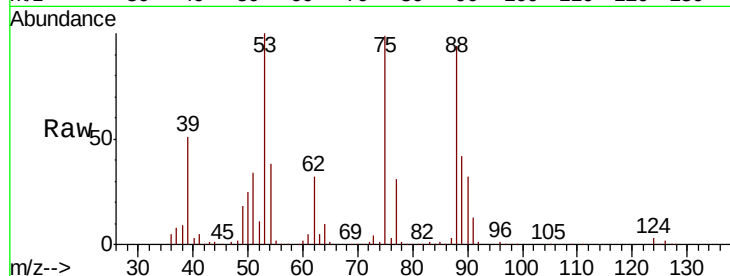
Tgt Ion: 75 Resp: 64200

Ion Ratio Lower Upper

75 100

53 101.2 81.3 121.9

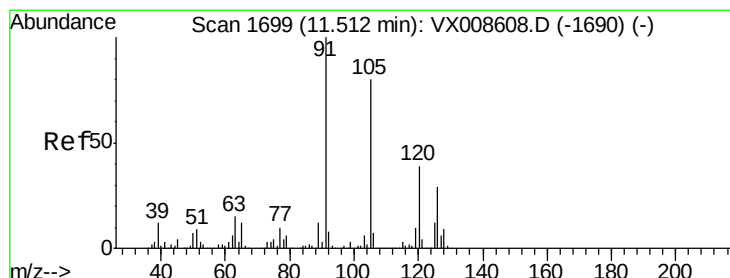
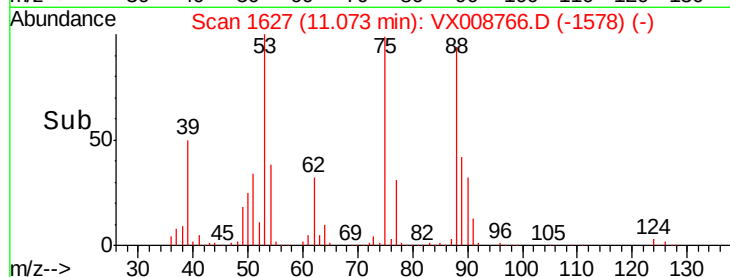
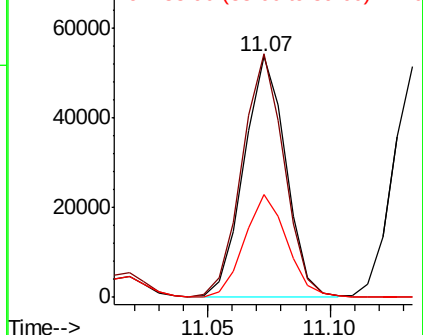
89 43.9 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.312 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008766.D

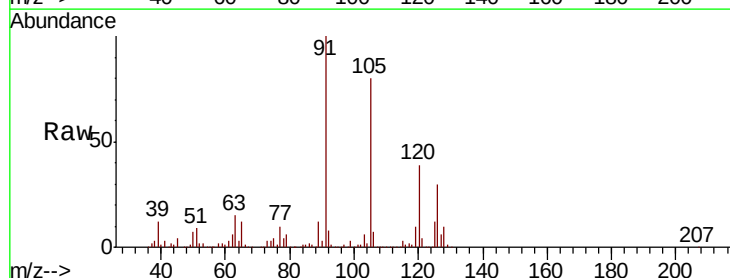
Acq: 09 Apr 2019 13:00

Tgt Ion: 91 Resp: 402397

Ion Ratio Lower Upper

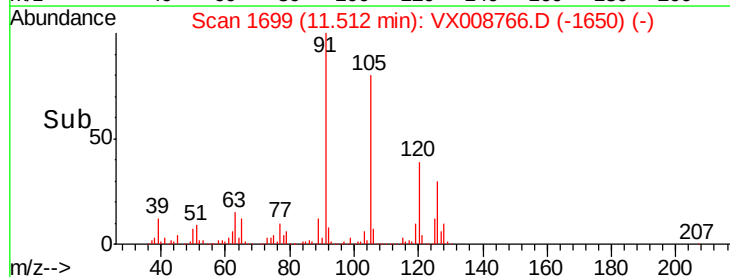
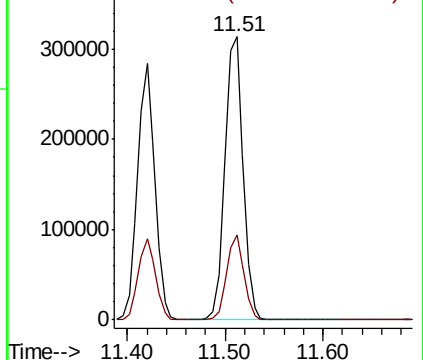
91 100

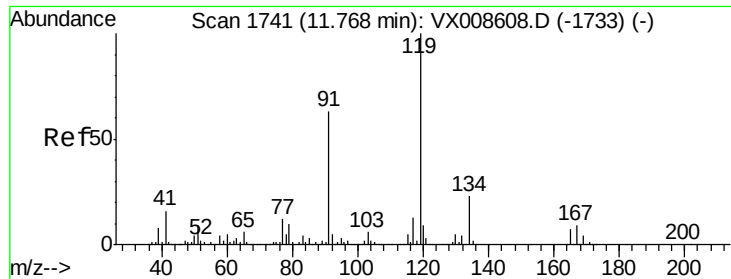
126 28.6 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

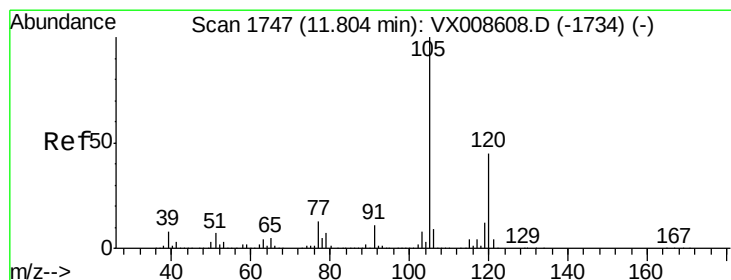
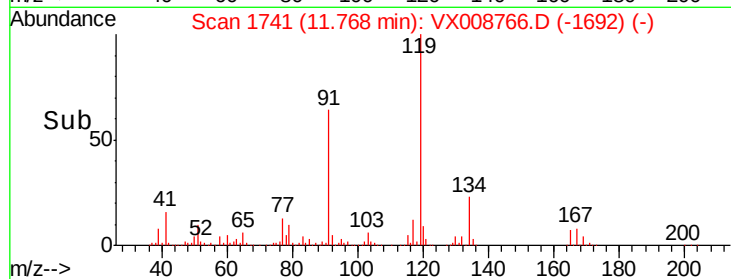
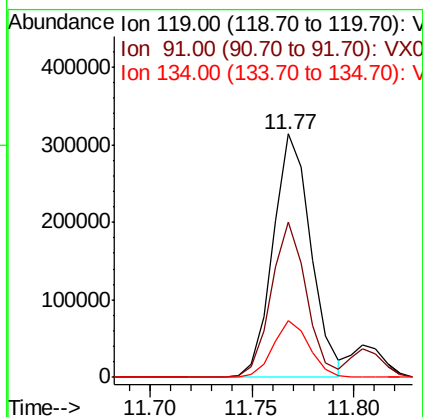
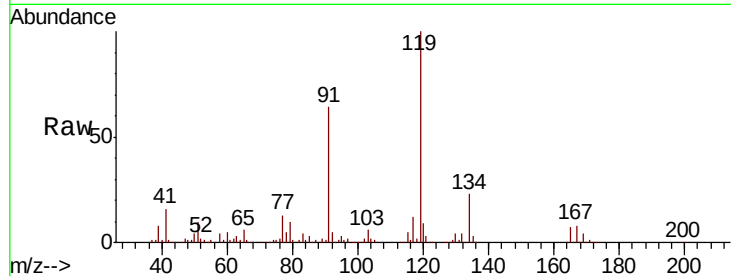




#83
 tert-Butylbenzene
 Concen: 49.221 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

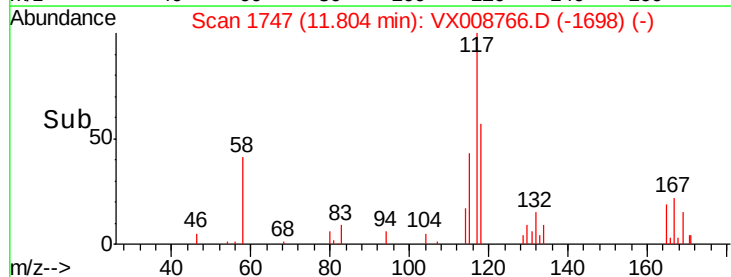
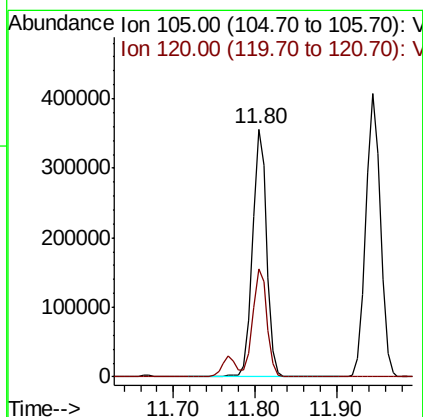
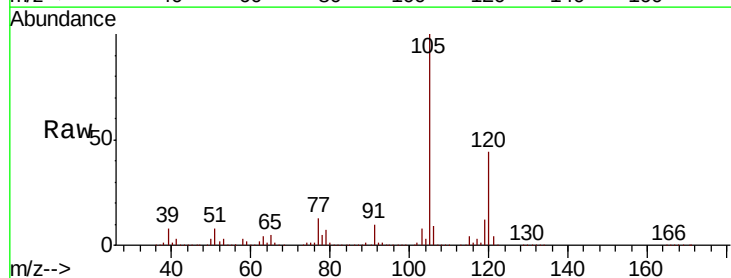
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

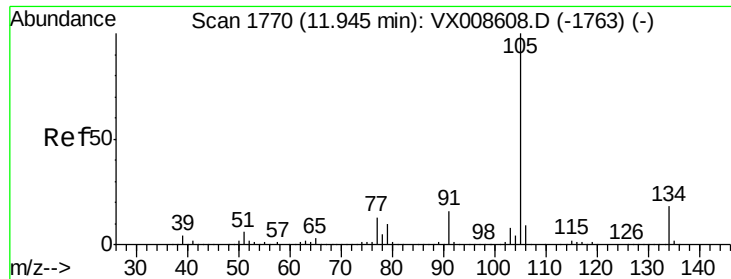
Tgt Ion:119 Resp: 405925
 Ion Ratio Lower Upper
 119 100
 91 59.7 30.0 90.1
 134 22.3 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.073 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion:105 Resp: 434623
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.3

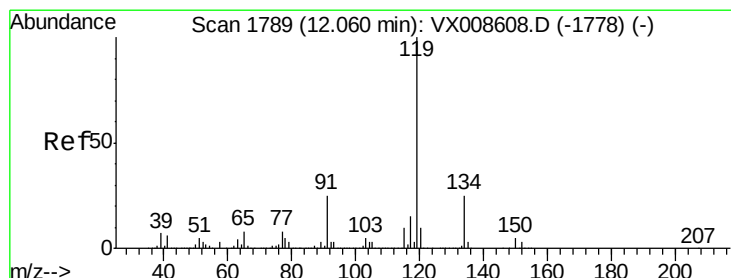
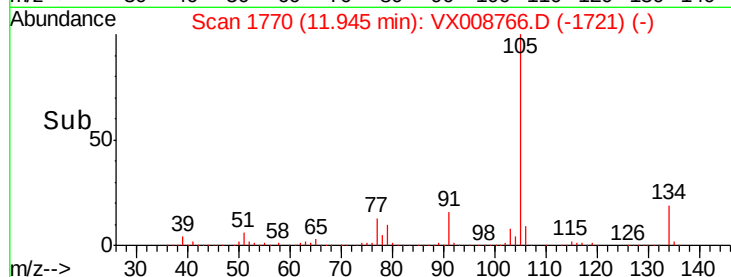
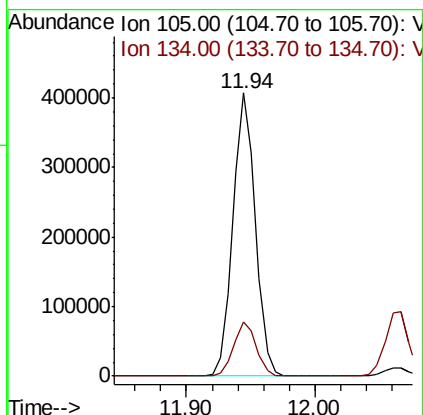
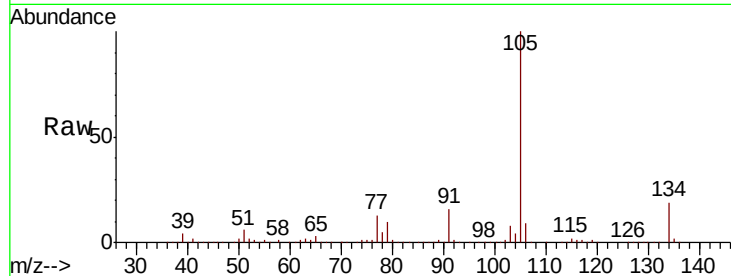




#85
 sec-Butylbenzene
 Concen: 50.534 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

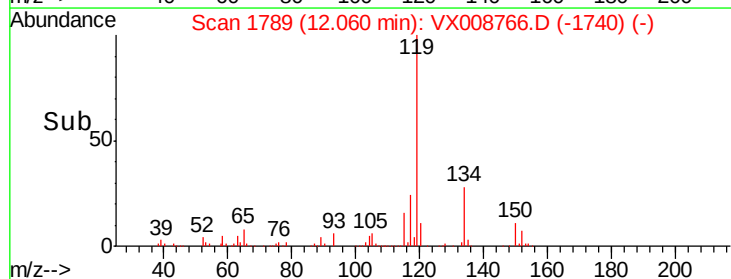
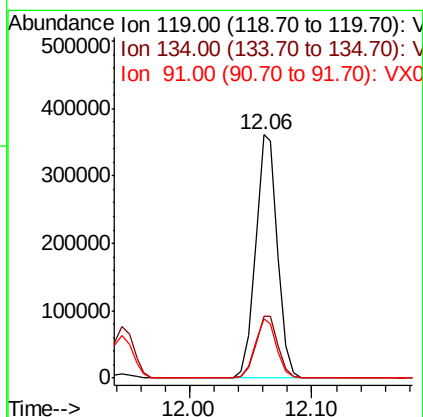
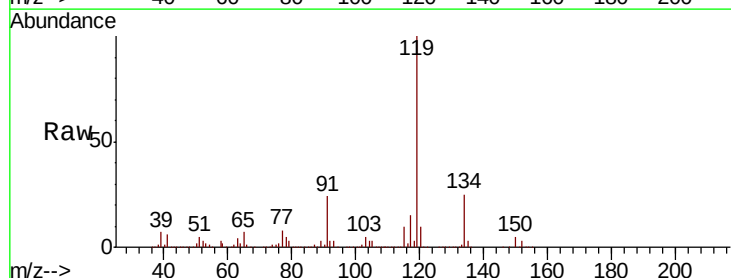
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

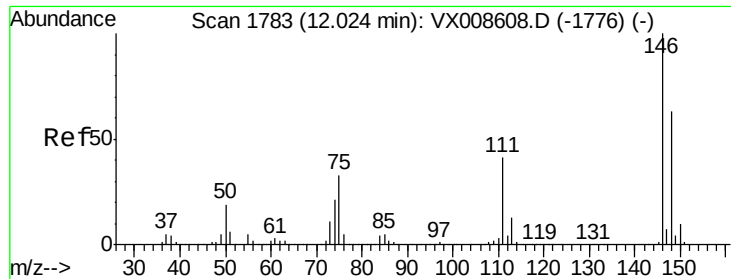
Tgt Ion:105 Resp: 495031
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.435 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion:119 Resp: 452228
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 23.8 12.2 36.6

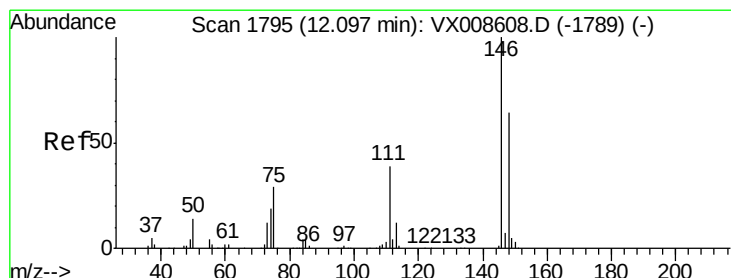
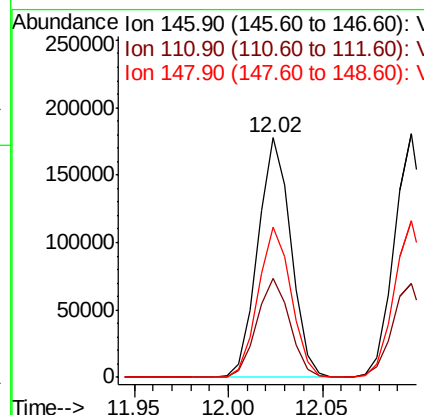
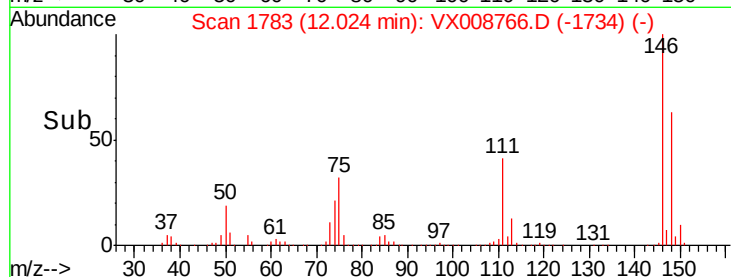
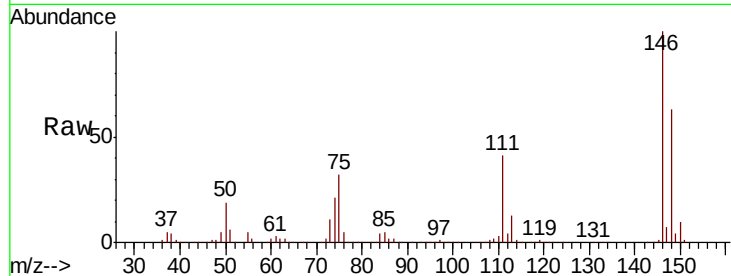




#87
 1,3-Dichlorobenzene
 Concen: 49.153 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

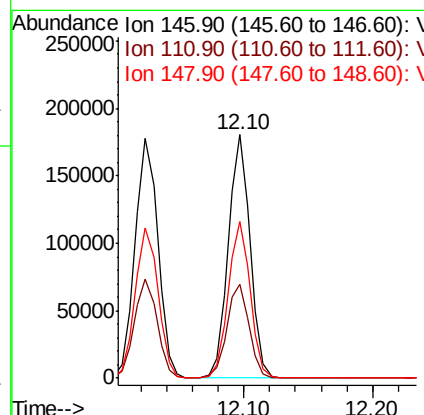
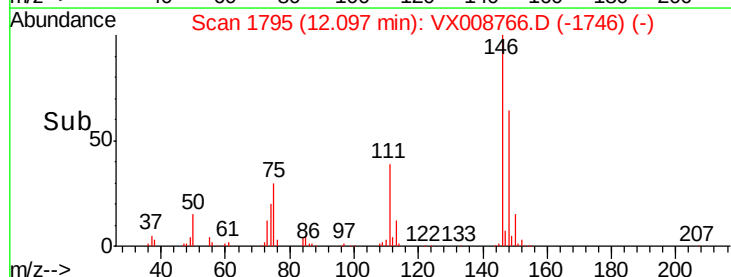
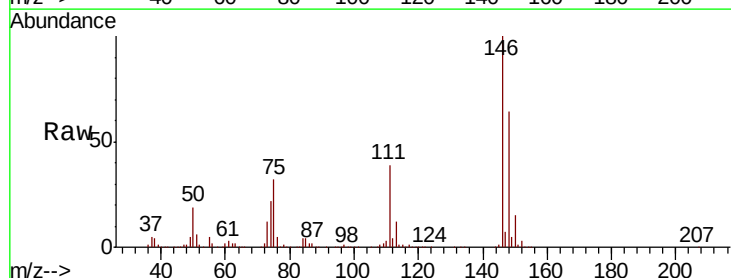
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

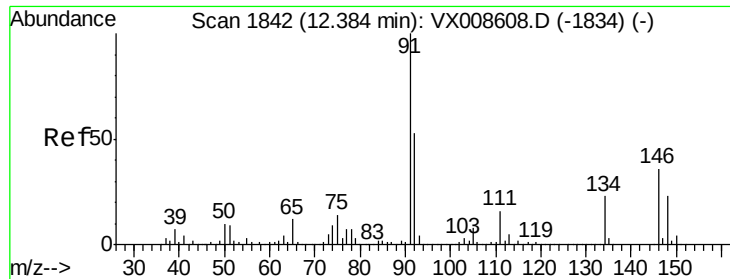
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.5
148	62.9	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.497 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.6
148	64.8	32.0	96.0

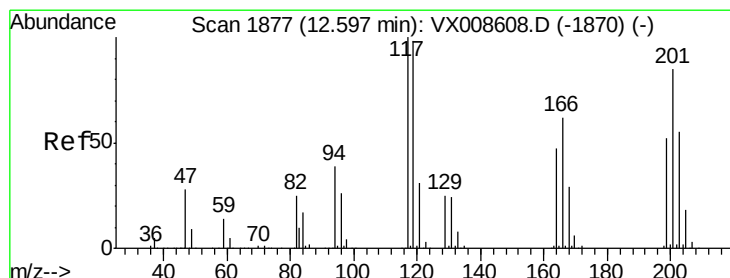
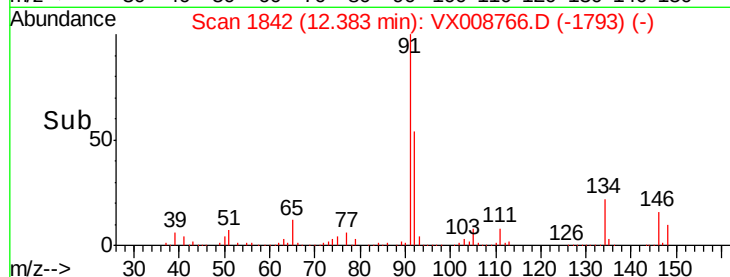
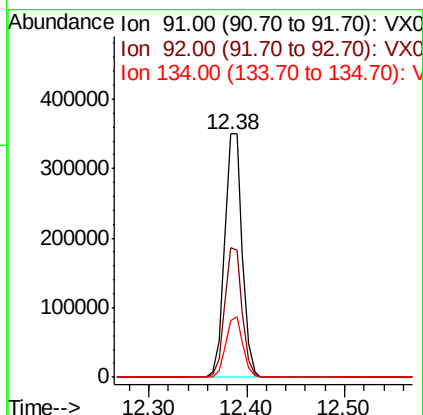
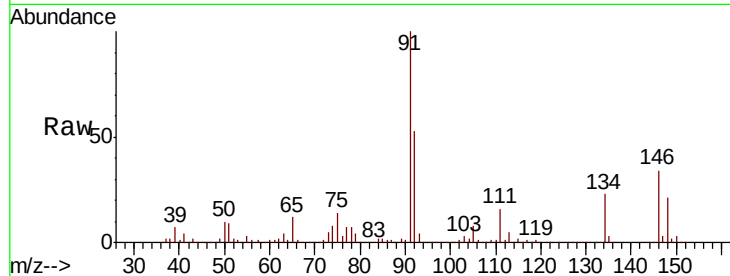




#89
n-Butylbenzene
Concen: 52.509 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

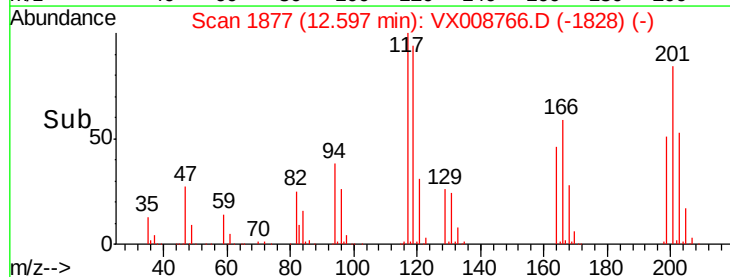
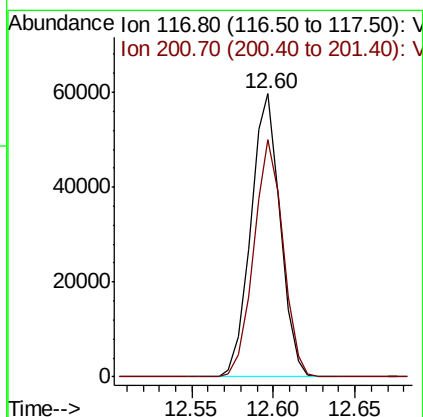
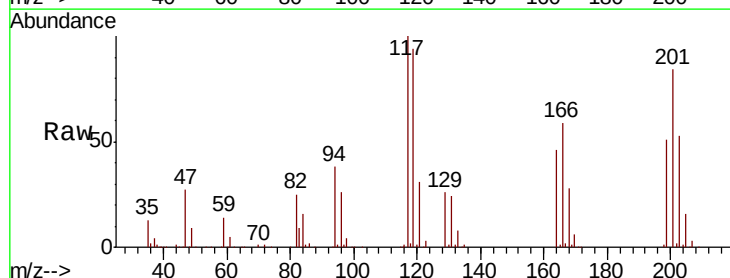
Instrument :
MSVOA_X
ClientSampled :
BFB

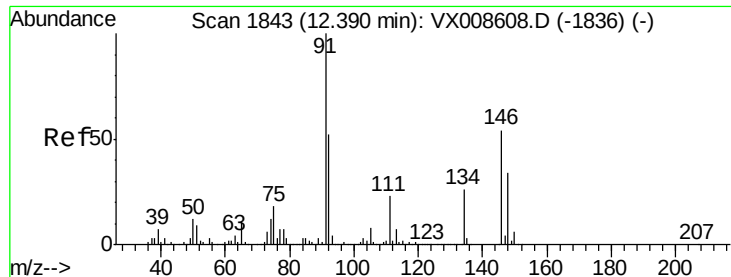
Tgt Ion: 91 Resp: 432961
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.1 12.0 36.0



#90
Hexachloroethane
Concen: 51.545 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 117 Resp: 75167
Ion Ratio Lower Upper
117 100
201 83.0 40.6 122.0

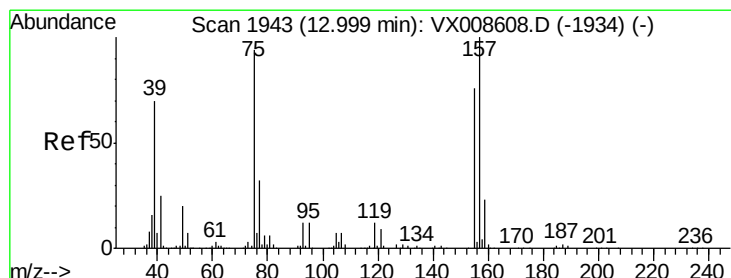
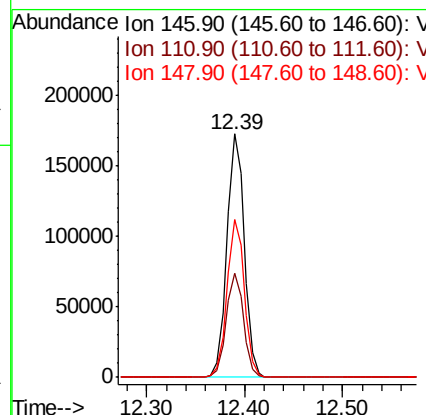
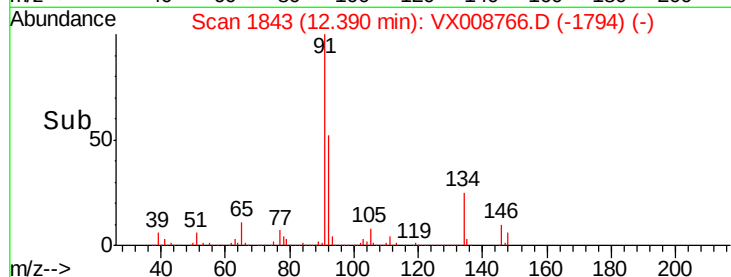
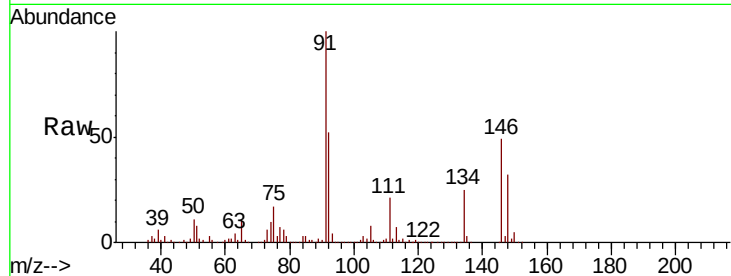




#91
 1,2-Dichlorobenzene
 Concen: 48.752 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

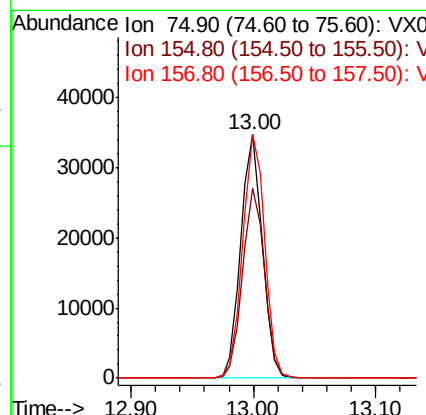
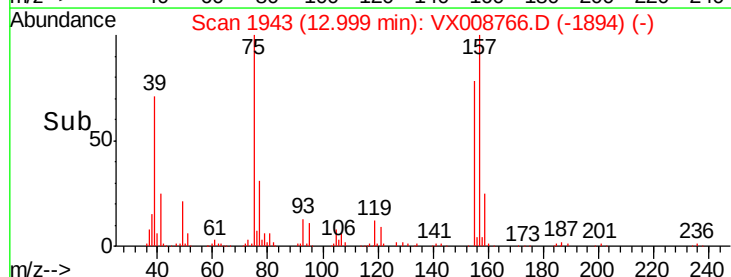
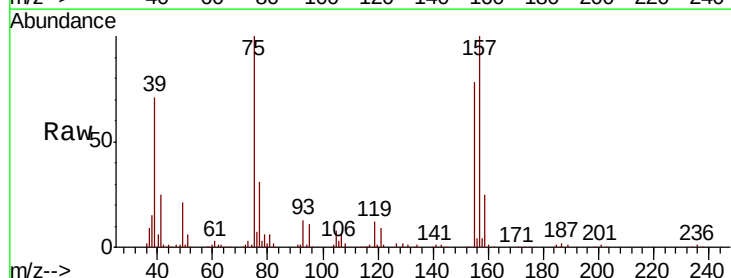
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

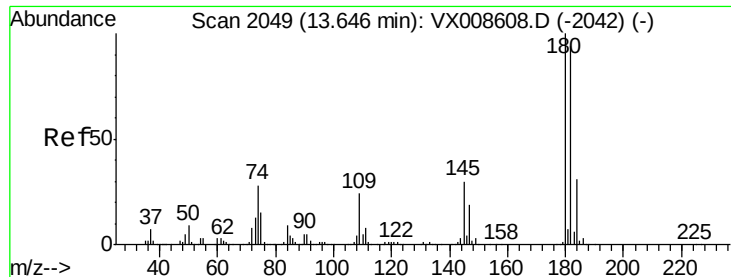
Tgt Ion:146 Resp: 212737
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.135 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 75 Resp: 41979
 Ion Ratio Lower Upper
 75 100
 155 79.3 39.9 119.6
 157 101.8 51.5 154.7

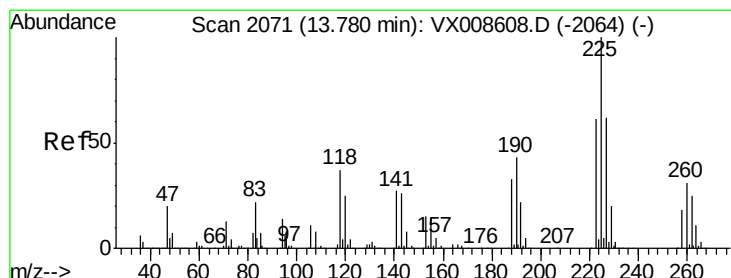
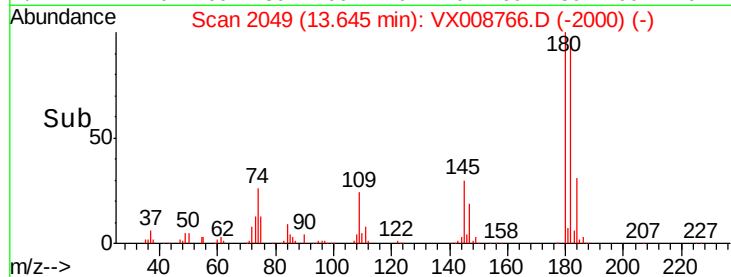
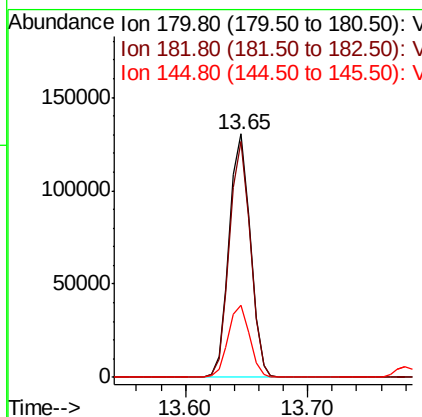
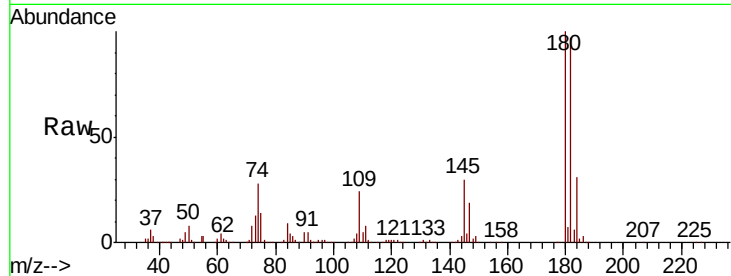




#93
 1,2,4-Trichlorobenzene
 Concen: 51.460 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

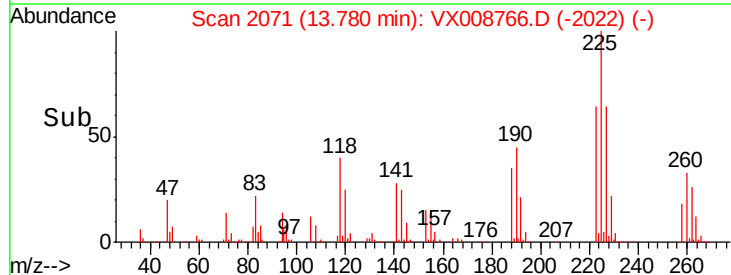
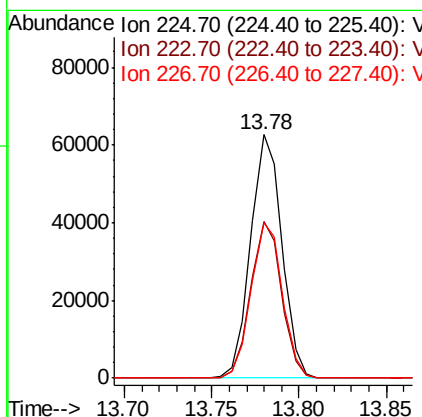
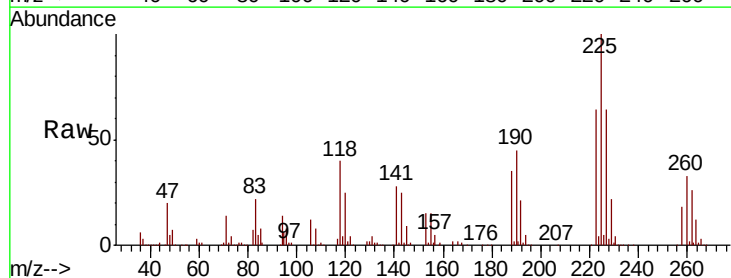
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

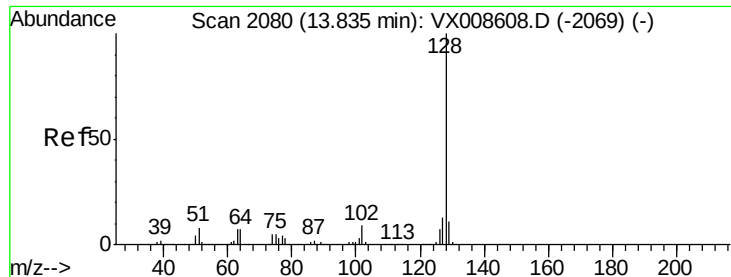
Tgt Ion:180 Resp: 156129
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.2 141.6
 145 29.8 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 53.470 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion:225 Resp: 77802
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.2 93.6
 227 63.8 31.9 95.5

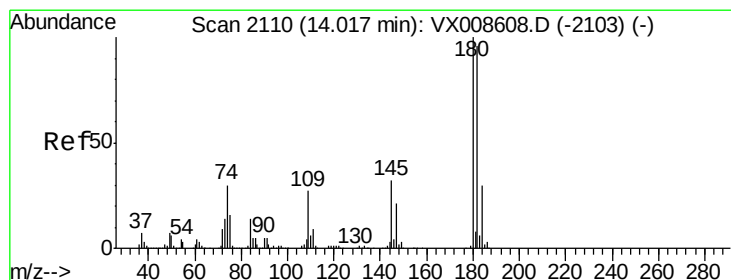
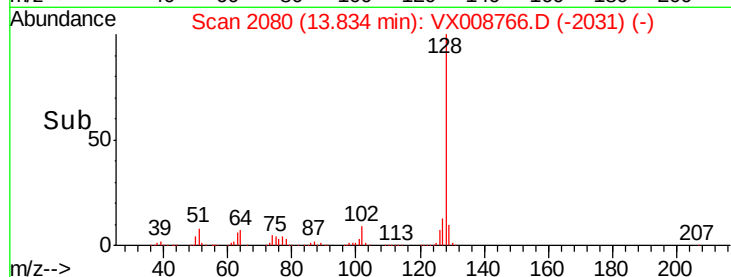
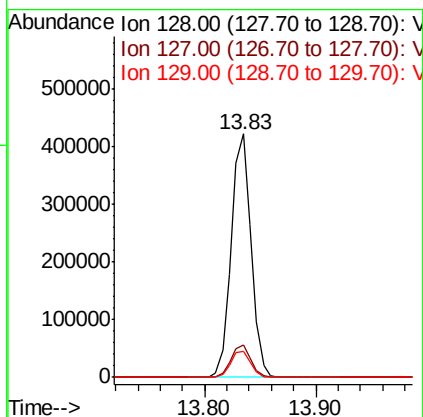
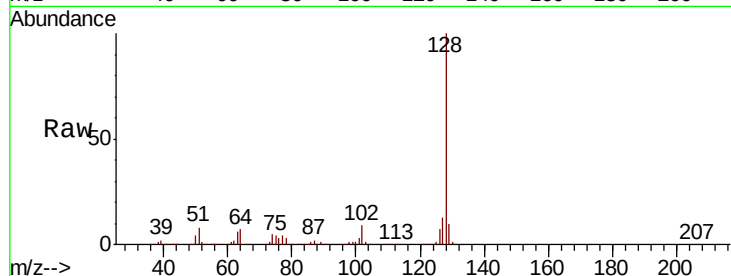




#95
Naphthalene
Concen: 50.962 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:128 Resp: 516767
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.420 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion:180 Resp: 155872
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 31.1 16.3 48.8

