

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032919\
 Data File : VX008543.D
 Acq On : 29 Mar 2019 15:03
 Operator : JC/SP
 Sample : K1560-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 30 00:40:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	193530	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.50	113	140844	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	555766	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	11.13	95	197887	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2673	0.961	ug/l	99
3) Chloromethane	1.32	50	4039	0.512	ug/l	96
4) Vinyl Chloride	1.40	62	3629	0.934	ug/l	94
5) Bromomethane	1.64	94	2563	3.019	ug/l	90
6) Chloroethane	1.72	64	6889	2.993	ug/l #	85
7) Trichlorofluoromethane	1.93	101	4171	0.948	ug/l	96
8) Diethyl Ether	2.19	74	2114	1.015	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2790	1.049	ug/l	97
10) Methyl Iodide	2.51	142	2171	4.899	ug/l	98
11) Tert butyl alcohol	3.04	59	4393	5.540	ug/l	95
12) 1,1-Dichloroethene	2.37	96	2817	1.026	ug/l	92
13) Acrolein	2.29	56	2278	3.956	ug/l	87
14) Allyl chloride	2.73	41	6043	0.999	ug/l	98
15) Acrylonitrile	3.14	53	10456	5.029	ug/l	94
16) Acetone	2.44	43	10732	5.738	ug/l	98
17) Carbon Disulfide	2.57	76	9252	0.797	ug/l	99
18) Methyl Acetate	2.78	43	5171	1.151	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	9932	1.004	ug/l	96
20) Methylene Chloride	2.85	84	3924	0.654	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3074	0.857	ug/l	98
22) Diisopropyl ether	3.86	45	12067	1.013	ug/l	99
23) Vinyl Acetate	3.82	43	47474	4.567	ug/l	97
24) 1,1-Dichloroethane	3.70	63	6185	1.028	ug/l	95
25) 2-Butanone	4.68	43	15713	5.240	ug/l	96
26) 2,2-Dichloropropane	4.58	77	4037	1.009	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	3600	1.072	ug/l	98
29) Tetrahydrofuran	5.13	42	9863	4.990	ug/l	98
30) Chloroform	5.21	83	5658	1.042	ug/l	90
31) Cyclohexane	5.59	56	5961	1.039	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	4397	1.013	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4780	1.109	ug/l	95
37) Ethyl Acetate	4.84	43	5838	1.045	ug/l #	93
38) Carbon Tetrachloride	5.78	117	3689	1.025	ug/l	97
39) Methylcyclohexane	7.46	83	5190	1.007	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	13130	1.017	ug/l	98
41) Methacrylonitrile	5.05	41	3165	1.009	ug/l #	87
42) 1,2-Dichloroethane	6.20	62	5558	1.176	ug/l	98
43) Isopropyl Acetate	6.45	43	8573	0.960	ug/l #	94
44) Trichloroethene	7.21	130	2959	0.977	ug/l	96
45) 1,2-Dichloropropane	7.52	63	3873	1.056	ug/l	92
46) Dibromomethane	7.66	93	2228	1.040	ug/l	97
47) Bromodichloromethane	7.90	83	3847	0.938	ug/l #	91
48) Methyl methacrylate	7.77	41	4017	0.899	ug/l #	91
49) 1,4-Dioxane	7.74	88	2067	23.260	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	27842	4.799	ug/l	98
52) Toluene	8.79	92	7834	1.015	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	3825	0.852	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	4561	0.893	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	3022	0.962	ug/l	94
56) Ethyl methacrylate	9.18	69	5323	0.939	ug/l	95
57) 1,3-Dichloropropane	9.37	76	5660	1.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	11259	3.842	ug/l	97
59) 2-Hexanone	9.49	43	21785	4.846	ug/l	98
60) Dibromochloromethane	9.58	129	2506	0.839	ug/l	97
61) 1,2-Dibromoethane	9.68	107	3144	0.981	ug/l	98
64) Tetrachloroethene	9.34	164	2544	1.062	ug/l	96
65) Chlorobenzene	10.13	112	7809	1.015	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	2484	0.936	ug/l #	65
67) Ethyl Benzene	10.25	91	14137	0.974	ug/l	98
68) m/p-Xylenes	10.36	106	9994	1.892	ug/l	98
69) o-Xylene	10.70	106	4975	0.971	ug/l	100
70) Styrene	10.71	104	8004	0.904	ug/l	98
71) Bromoform	10.86	173	1717	0.819	ug/l #	99
73) Isopropylbenzene	11.02	105	12743	0.999	ug/l	99
74) N-amyl acetate	10.90	43	7114	0.964	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	5128	1.036	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	4972	1.067	ug/l	86
77) Bromobenzene	11.26	156	3104	1.003	ug/l	93
78) n-propylbenzene	11.36	91	14098	0.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	9227	1.015	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10773	0.999	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	100880	69.333	ug/l #	9
82) 4-Chlorotoluene	11.51	91	10988	1.048	ug/l	99
83) tert-Butylbenzene	11.77	119	9984	0.960	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	10735	0.984	ug/l	99
85) sec-Butylbenzene	11.94	105	11993	0.968	ug/l	98
86) p-Isopropyltoluene	12.06	119	10350	0.947	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	5674	1.026	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	5674	1.017	ug/l	98
89) n-Butylbenzene	12.38	91	9180	0.887	ug/l	98
90) Hexachloroethane	12.59	117	1670	0.917	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	5665	1.023	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1040	0.964	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	3802	1.020	ug/l	97

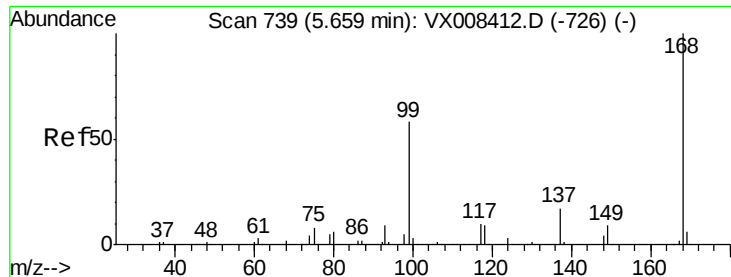
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	1713	0.968	ug/l	94
95) Naphthalene	13.83	128	12978	1.015	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	3643	0.972	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

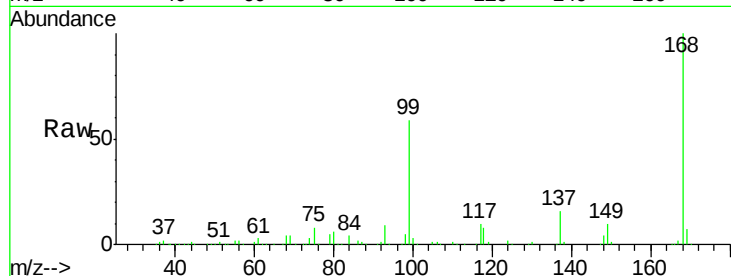
BFB

Tgt Ion:168 Resp: 236065

Ion Ratio Lower Upper

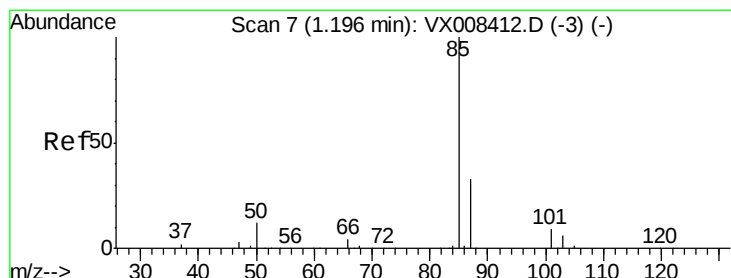
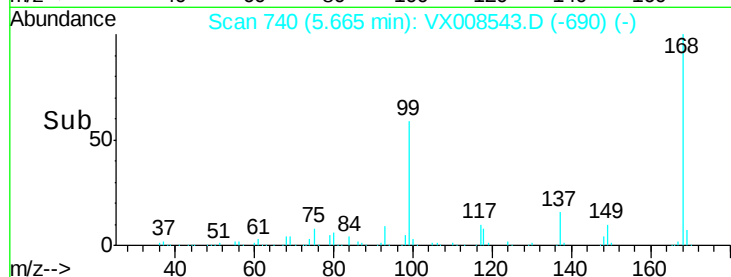
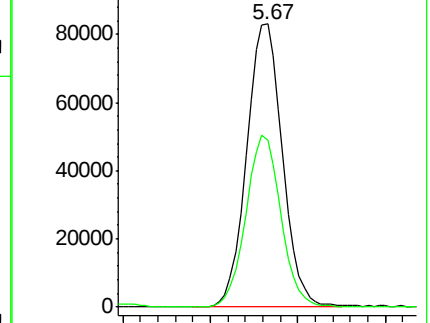
168 100

99 58.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.961 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008543.D

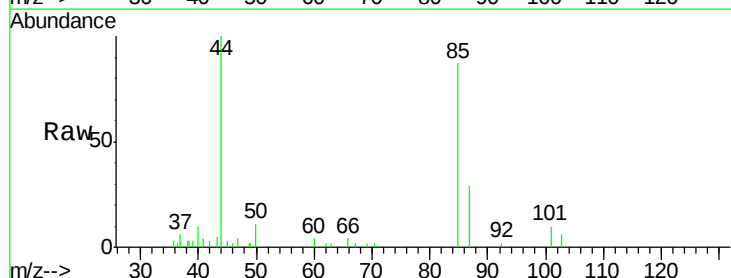
Acq: 29 Mar 2019 15:03

Tgt Ion: 85 Resp: 2673

Ion Ratio Lower Upper

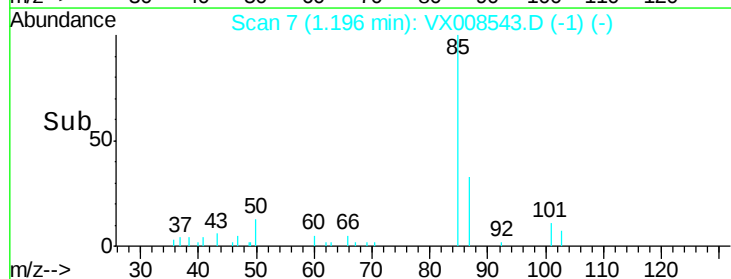
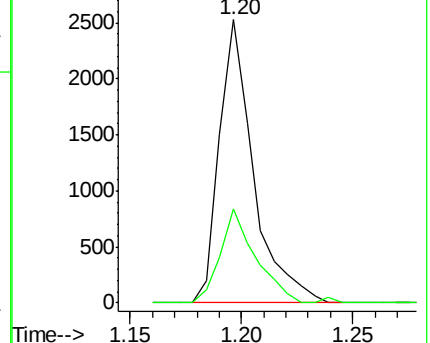
85 100

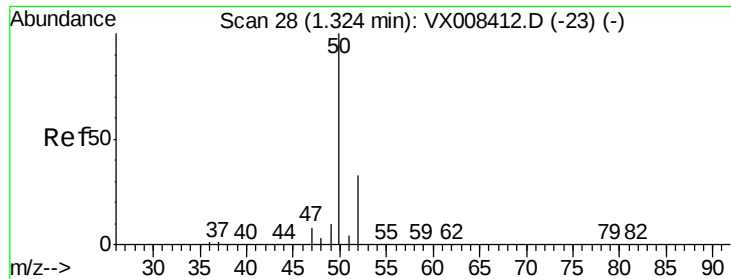
87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.512 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

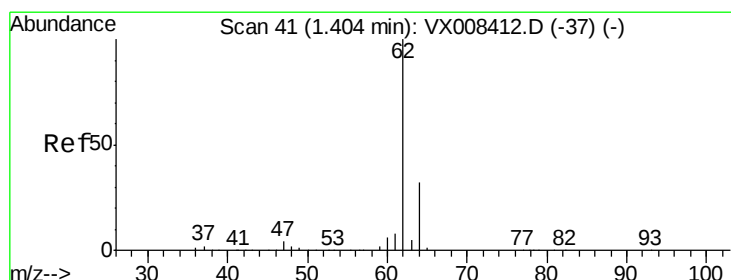
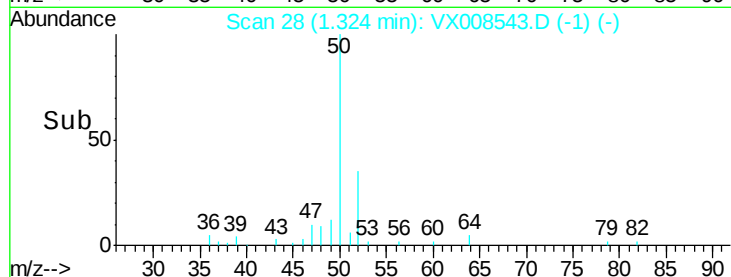
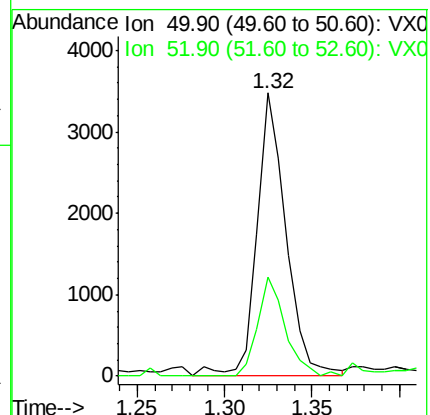
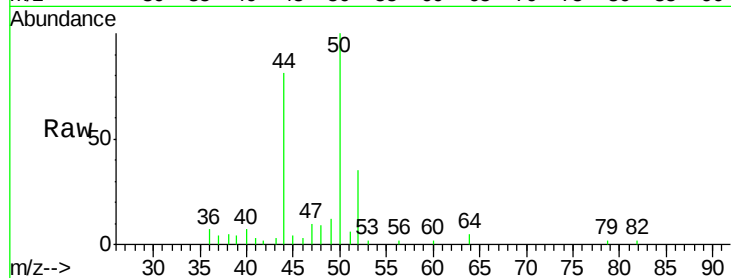
BFB

Tgt Ion: 50 Resp: 4039

Ion Ratio Lower Upper

50 100

52 34.9 26.2 39.2



#4

Vinyl Chloride

Concen: 0.934 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008543.D

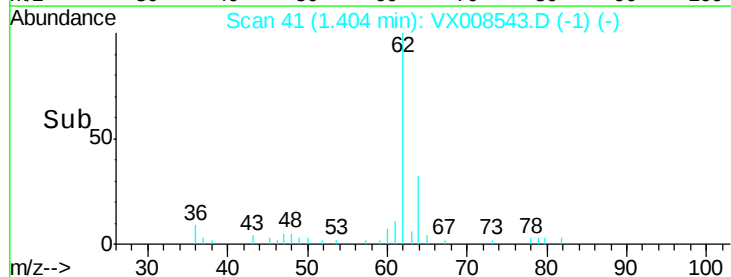
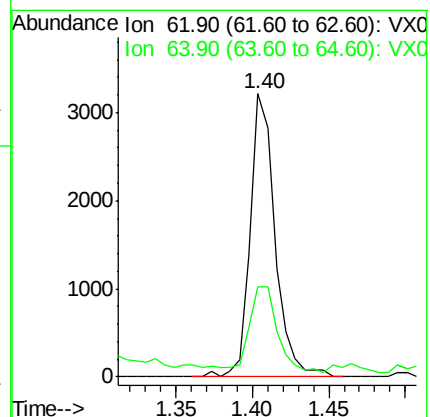
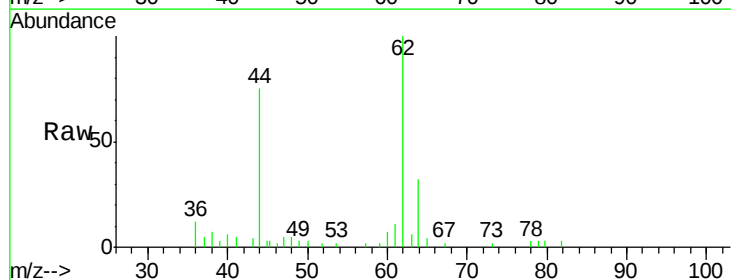
Acq: 29 Mar 2019 15:03

Tgt Ion: 62 Resp: 3629

Ion Ratio Lower Upper

62 100

64 28.3 25.5 38.3





#5

Bromomethane

Concen: 3.019 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

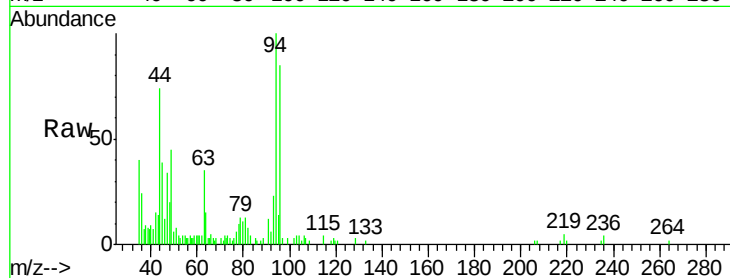
BFB

Tgt Ion: 94 Resp: 2563

Ion Ratio Lower Upper

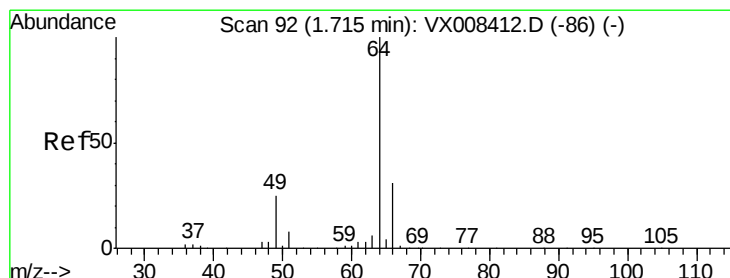
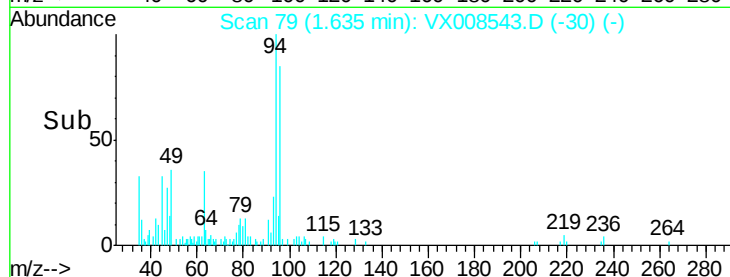
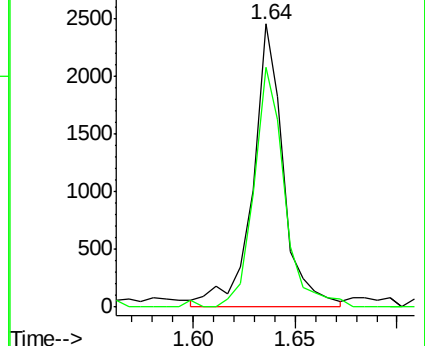
94 100

96 83.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.993 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008543.D

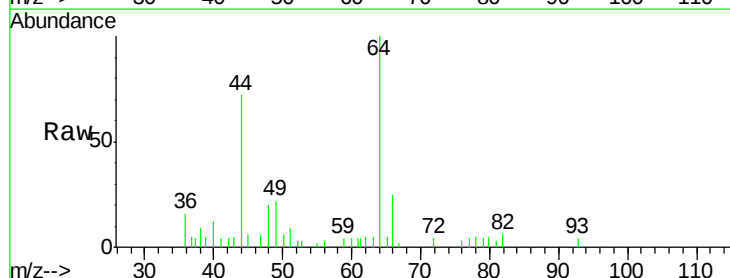
Acq: 29 Mar 2019 15:03

Tgt Ion: 64 Resp: 6889

Ion Ratio Lower Upper

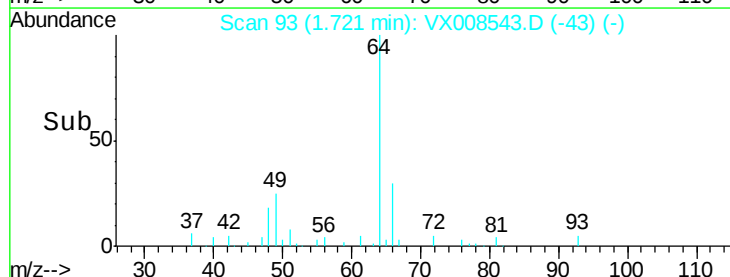
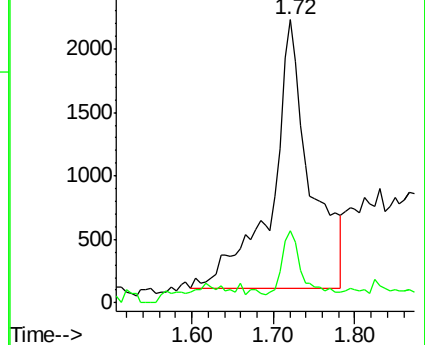
64 100

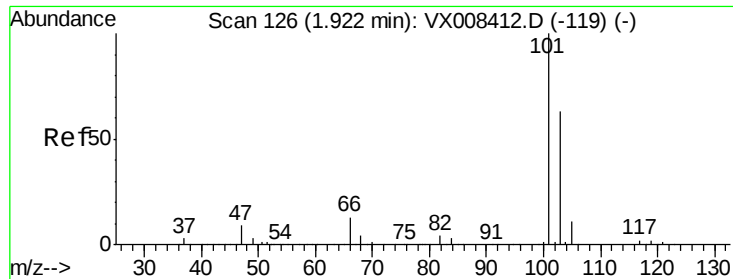
66 23.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



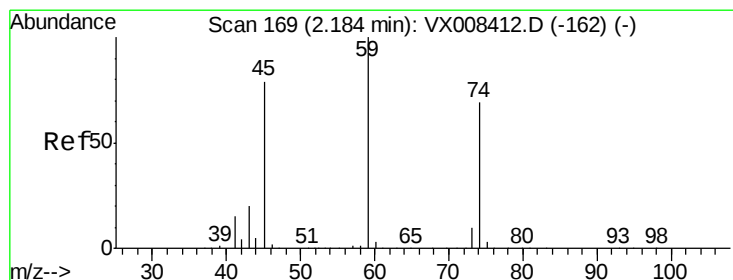
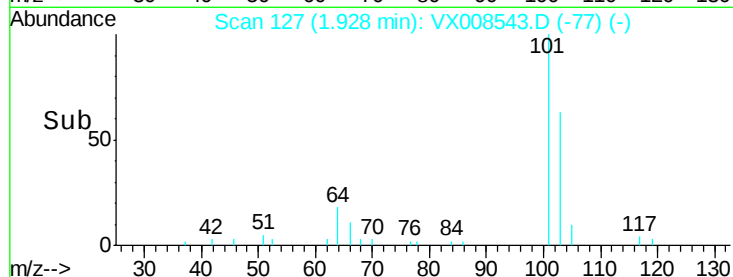
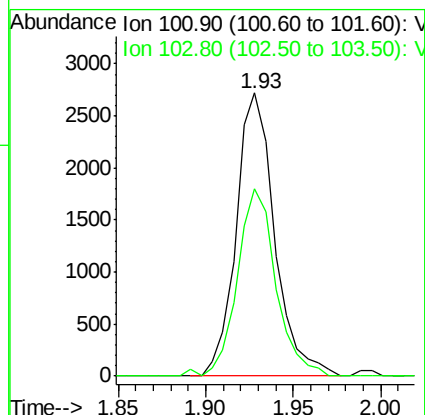
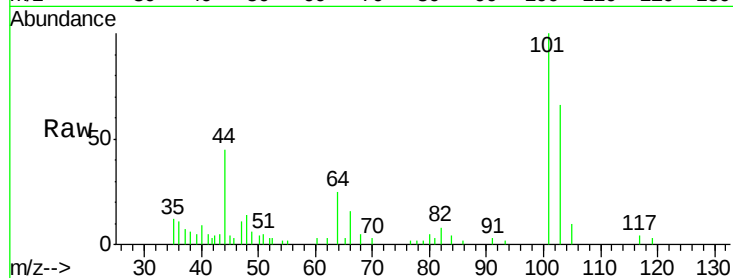


#7

Trichlorofluoromethane
Concen: 0.948 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampled :
BFB

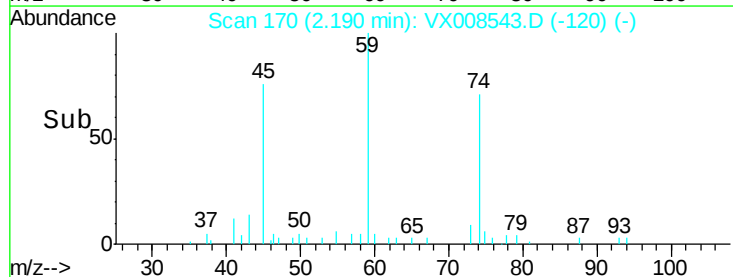
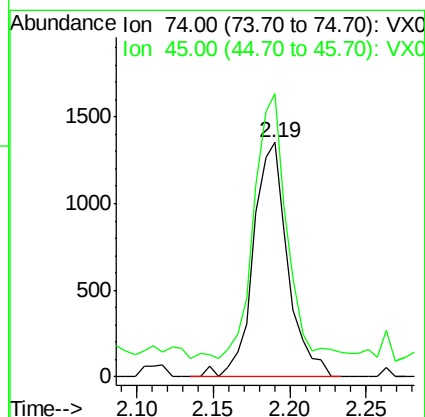
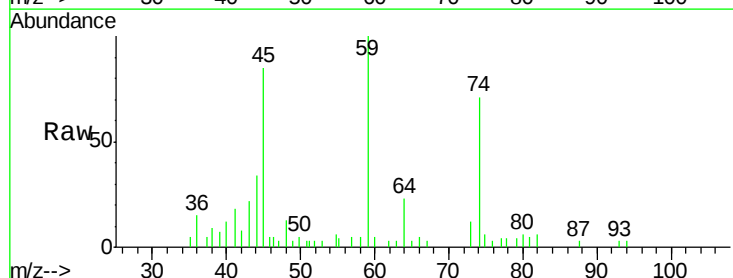
Tgt Ion: 101 Resp: 4171
Ion Ratio Lower Upper
101 100
103 66.1 50.2 75.4

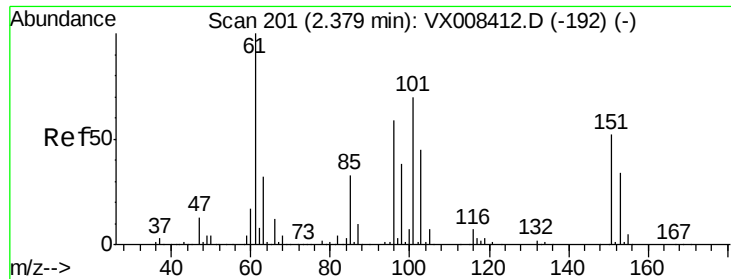


#8

Diethyl Ether
Concen: 1.015 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 74 Resp: 2114
Ion Ratio Lower Upper
74 100
45 108.4 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.049 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

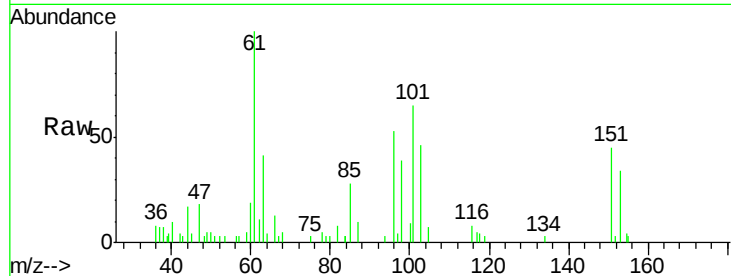
Tgt Ion:101 Resp: 2790

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

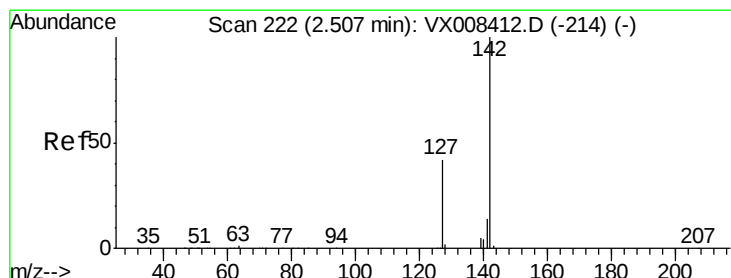
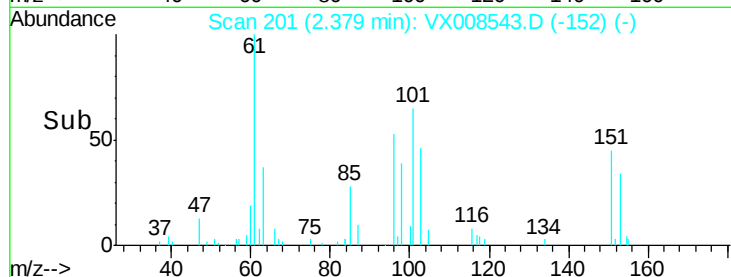
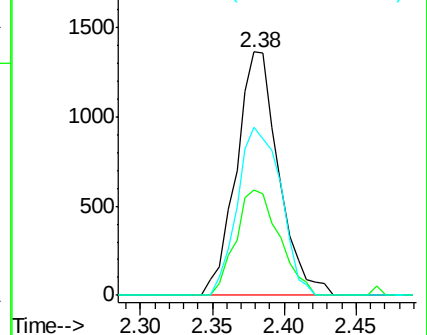
151 70.7 59.2 88.8



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: 4.899 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

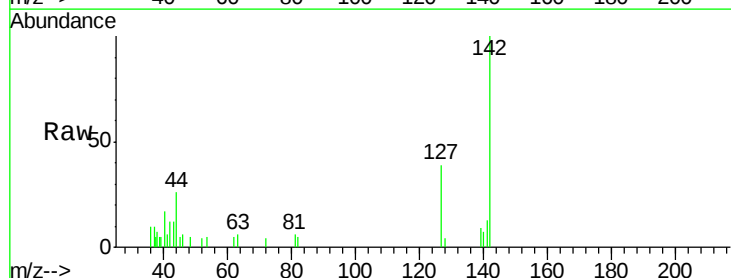
Tgt Ion:142 Resp: 2171

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

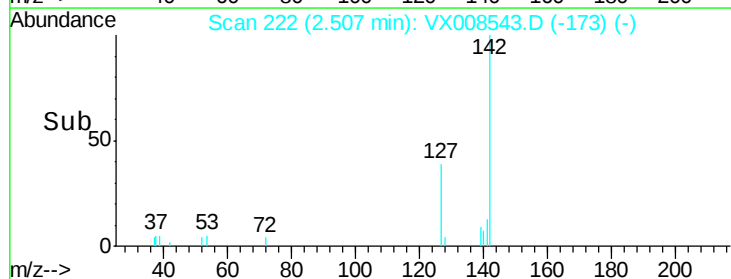
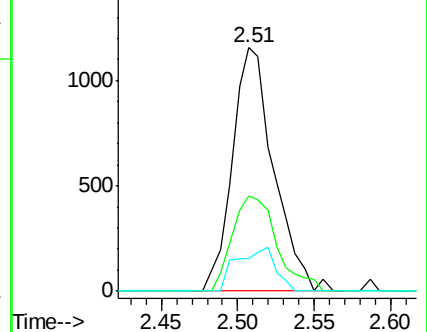
141 16.8 11.3 16.9

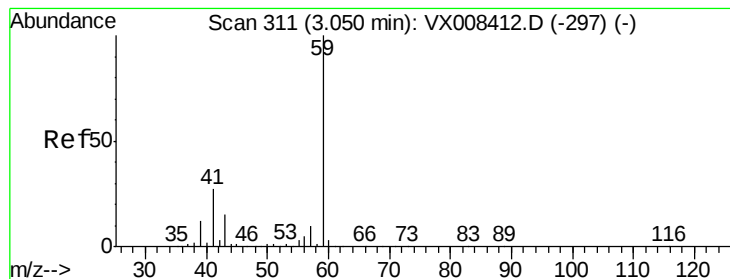


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 5.540 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

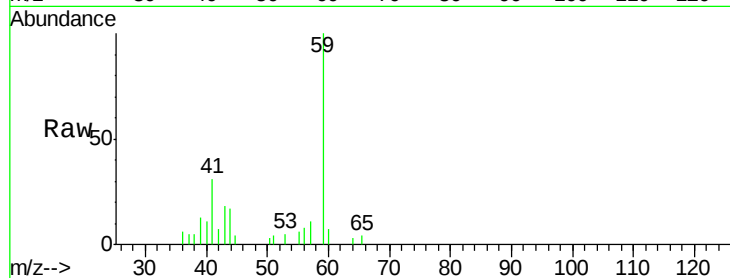
BFB

Tgt Ion: 59 Resp: 4393

Ion Ratio Lower Upper

59 100

57 8.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

2000

1500

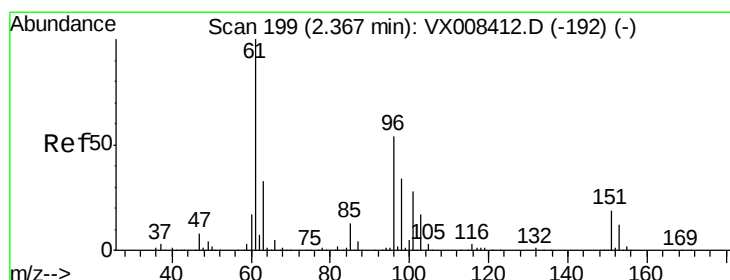
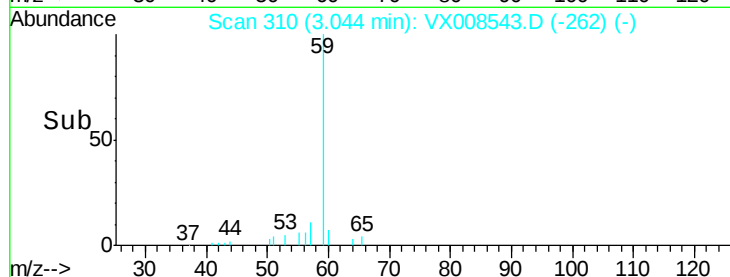
1000

500

0

Time-->

2.95 3.00 3.05 3.10



#12

1,1-Dichloroethene

Concen: 1.026 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

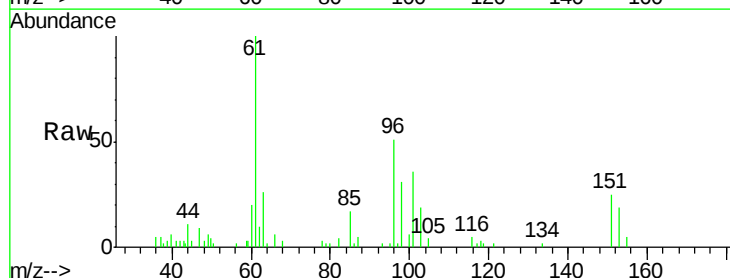
Tgt Ion: 96 Resp: 2817

Ion Ratio Lower Upper

96 100

61 196.5 146.9 220.3

98 59.9 50.1 75.1



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

4000

3000

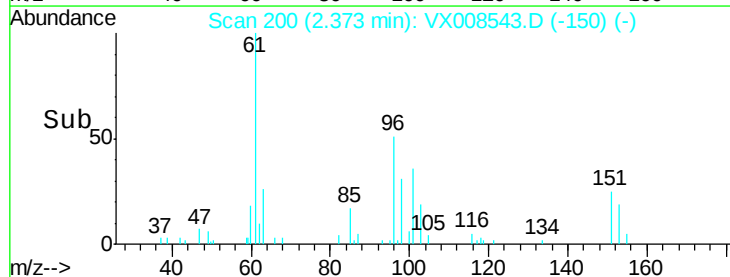
2000

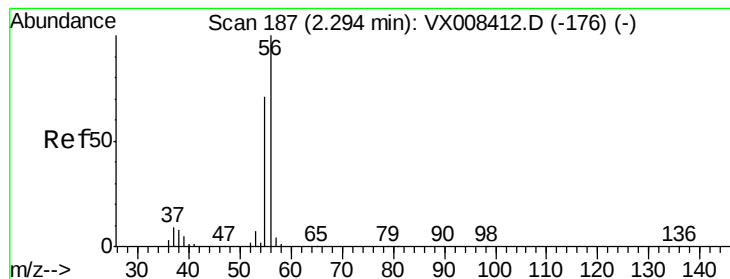
1000

0

Time-->

2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 3.956 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

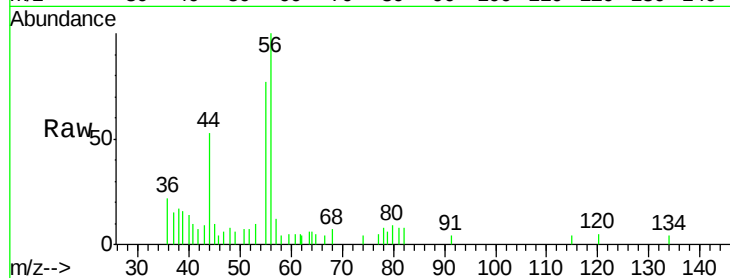
BFB

Tgt Ion: 56 Resp: 2278

Ion Ratio Lower Upper

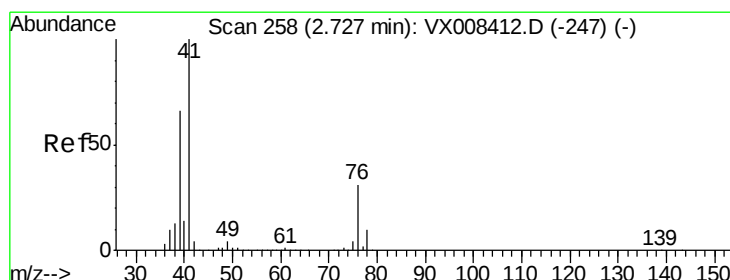
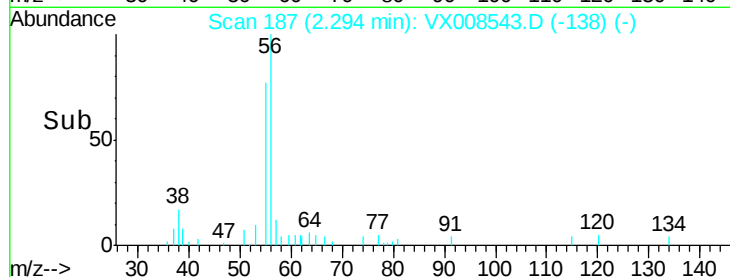
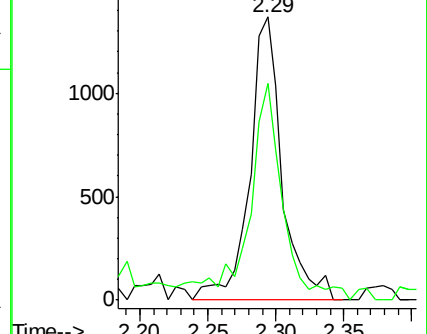
56 100

55 81.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.999 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

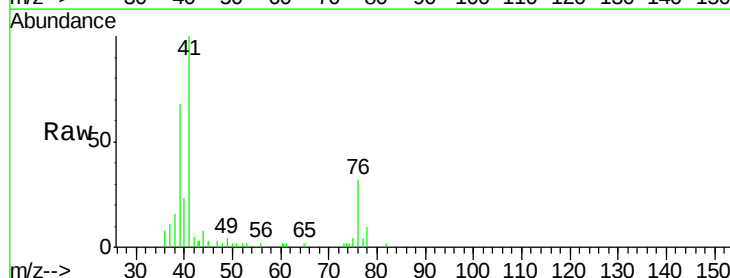
Tgt Ion: 41 Resp: 6043

Ion Ratio Lower Upper

41 100

39 60.2 49.6 74.4

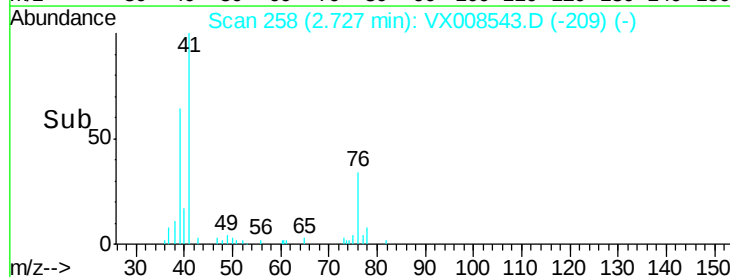
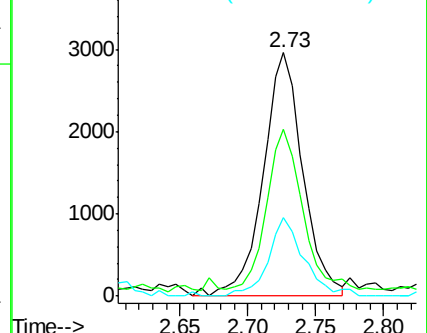
76 28.9 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.029 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

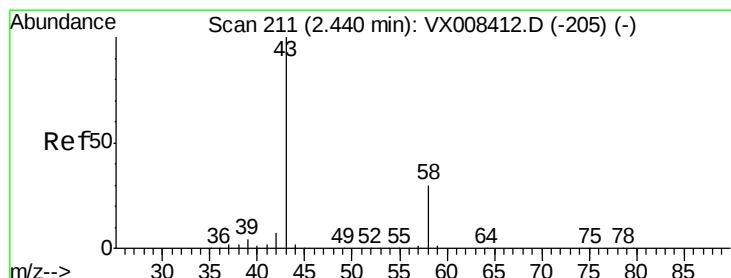
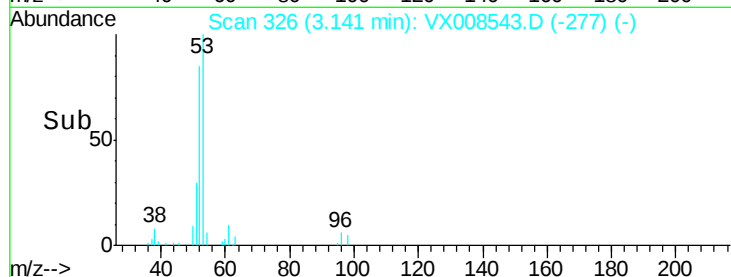
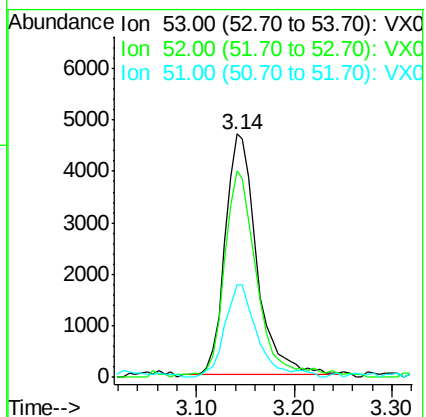
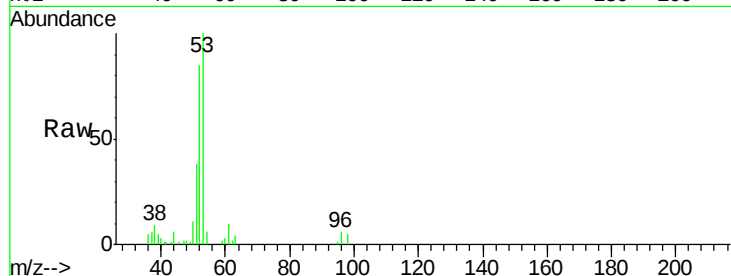
Tgt Ion: 53 Resp: 10456

Ion Ratio Lower Upper

53 100

52 88.0 66.5 99.7

51 40.1 28.3 42.5



#16

Acetone

Concen: 5.738 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008543.D

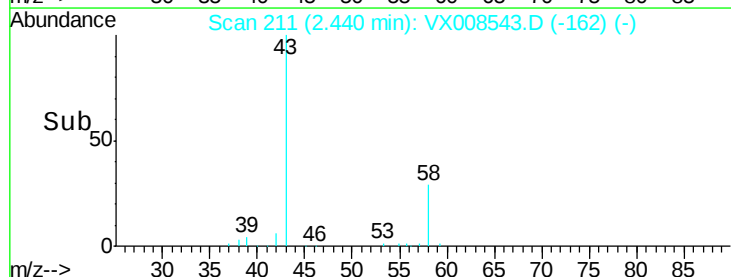
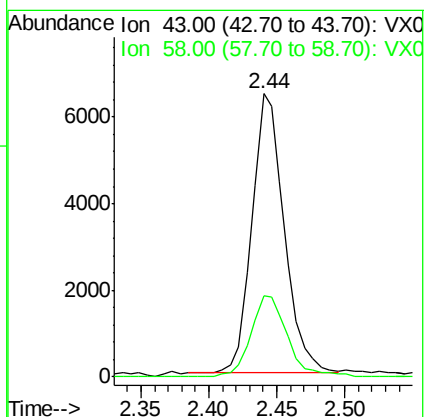
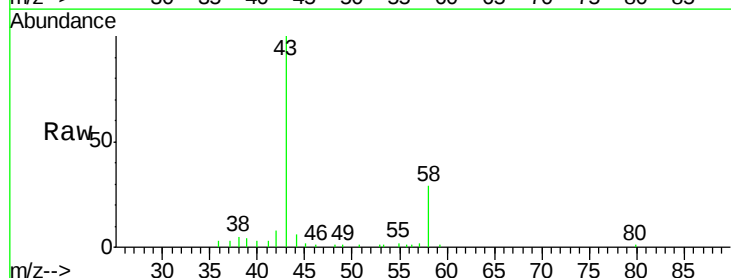
Acq: 29 Mar 2019 15:03

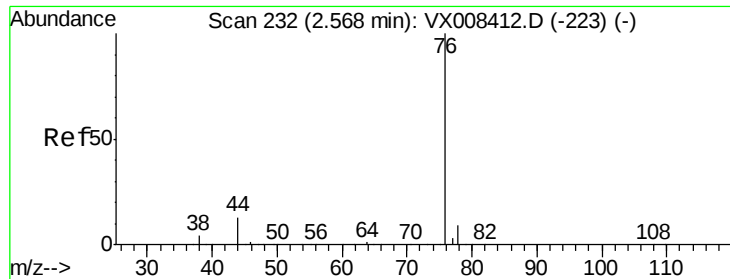
Tgt Ion: 43 Resp: 10732

Ion Ratio Lower Upper

43 100

58 29.2 24.2 36.2





#17

Carbon Disulfide

Concen: 0.797 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

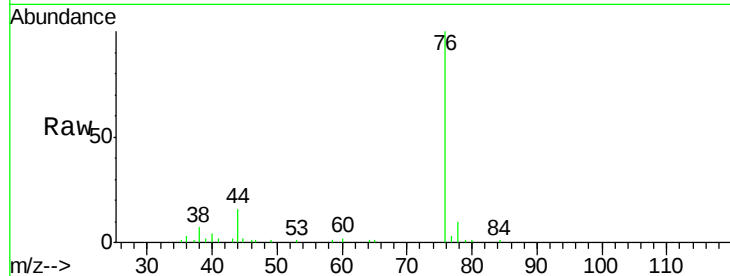
BFB

Tgt Ion: 76 Resp: 9252

Ion Ratio Lower Upper

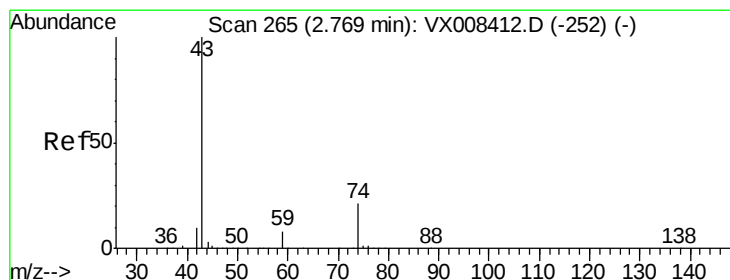
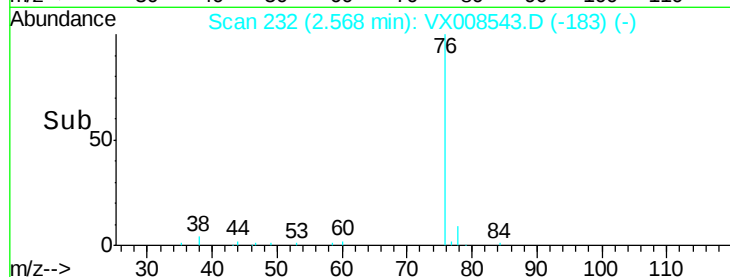
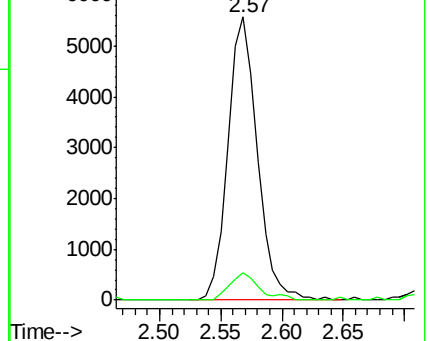
76 100

78 9.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.151 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX008543.D

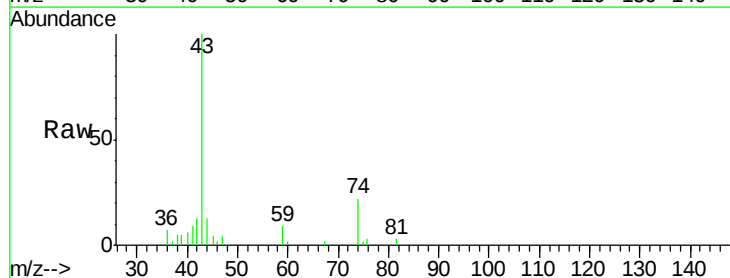
Acq: 29 Mar 2019 15:03

Tgt Ion: 43 Resp: 5171

Ion Ratio Lower Upper

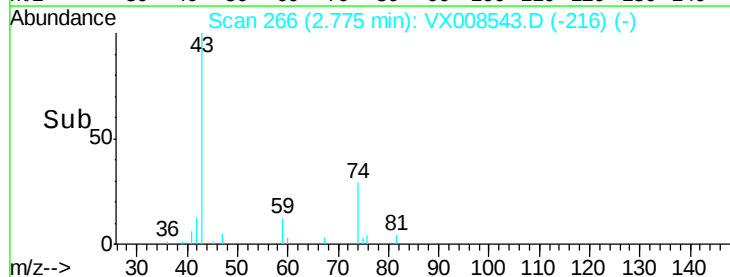
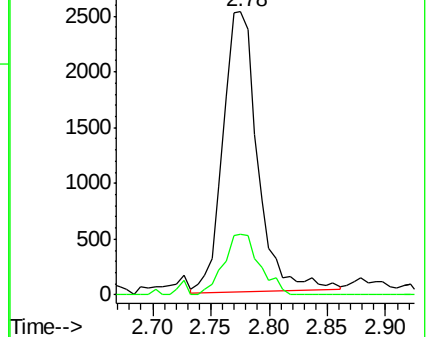
43 100

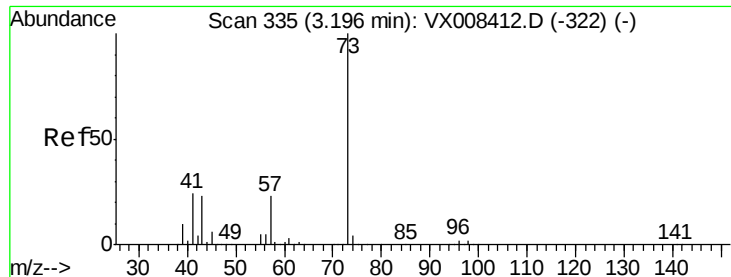
74 22.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

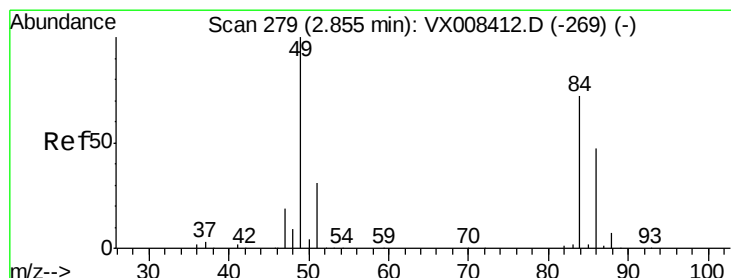
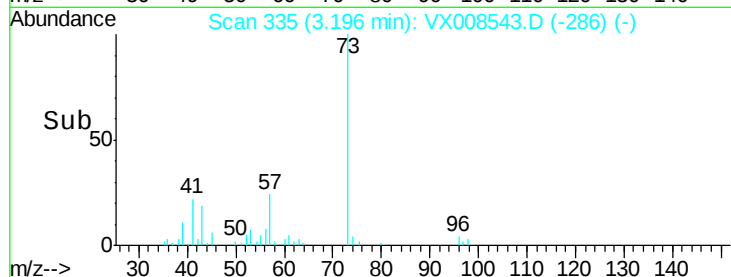
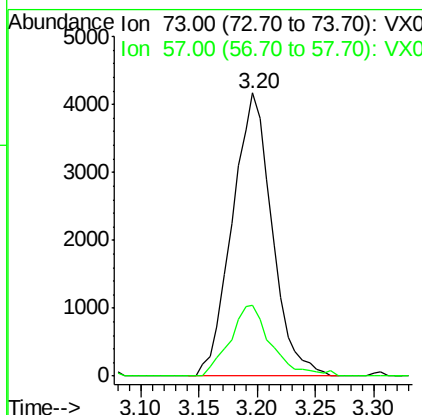
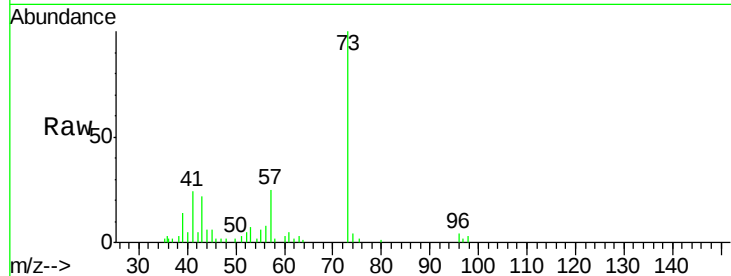




#19
Methyl tert-butyl Ether
Concen: 1.004 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

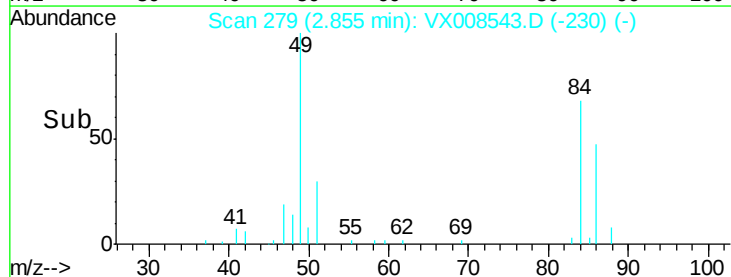
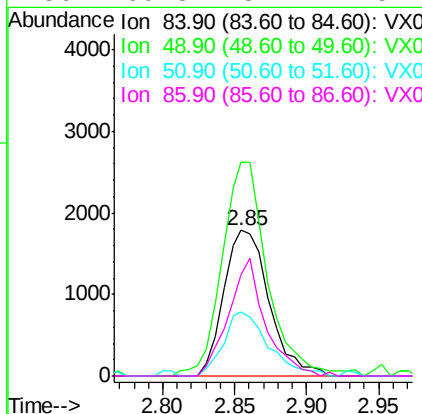
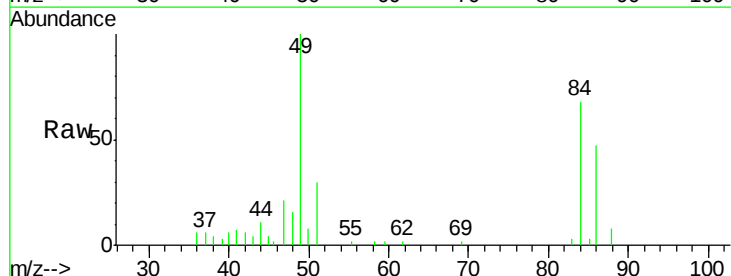
Instrument :
MSVOA_X
ClientSampleId :
BFB

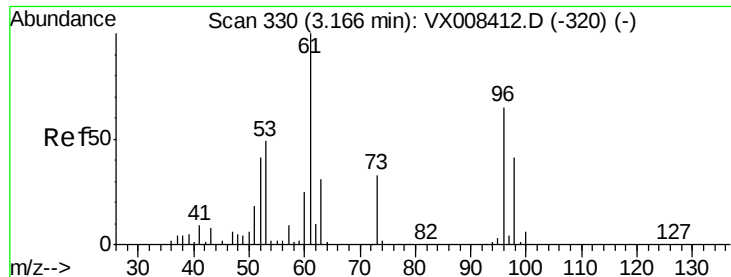
Tgt Ion: 73 Resp: 9932
Ion Ratio Lower Upper
73 100
57 25.0 18.6 28.0



#20
Methylene Chloride
Concen: 0.654 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 84 Resp: 3924
Ion Ratio Lower Upper
84 100
49 142.9 110.6 165.8
51 43.6 33.9 50.9
86 69.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 0.857 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

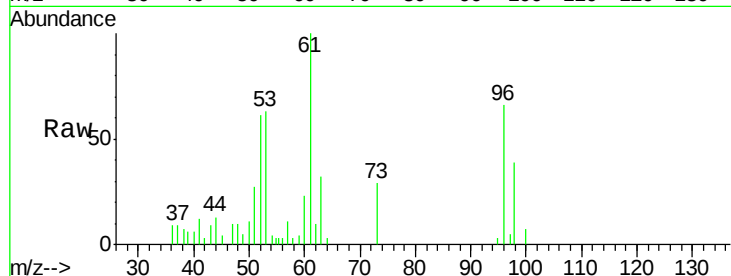
Tgt Ion: 96 Resp: 3074

Ion Ratio Lower Upper

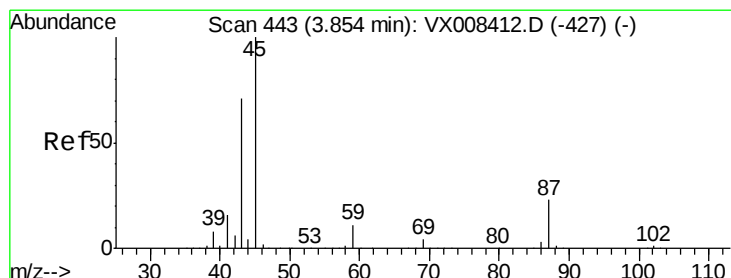
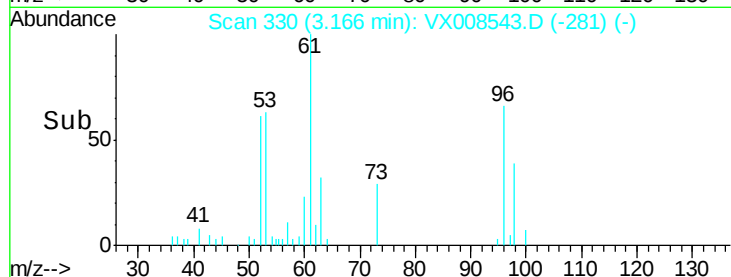
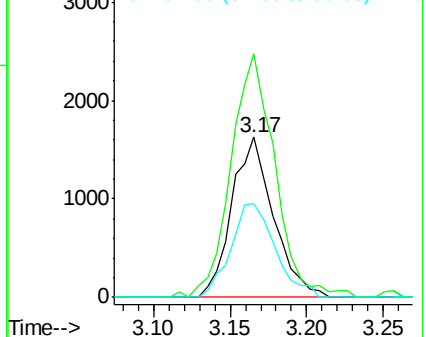
96 100

61 152.2 122.6 184.0

98 58.9 50.9 76.3



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



#22

Diisopropyl ether

Concen: 1.013 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Tgt Ion: 45 Resp: 12067

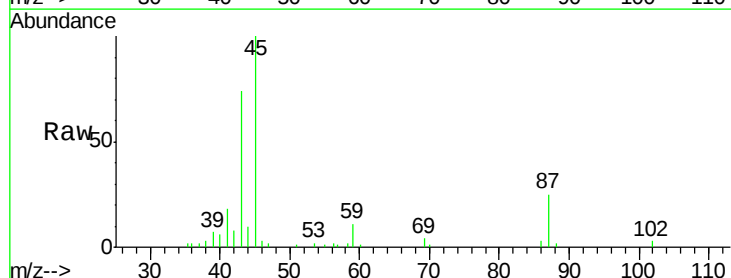
Ion Ratio Lower Upper

45 100

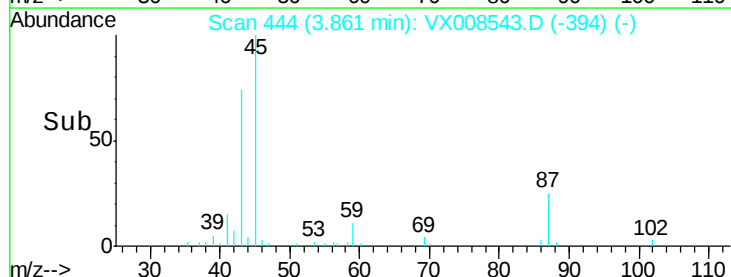
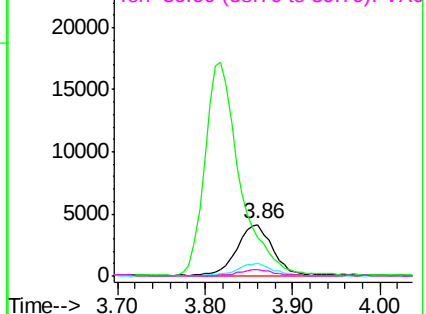
43 70.9 57.1 85.7

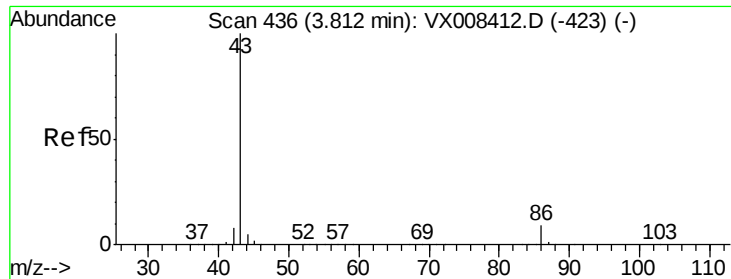
87 24.9 18.8 28.2

59 11.3 8.7 13.1



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





#23

Vinyl Acetate

Concen: 4.567 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

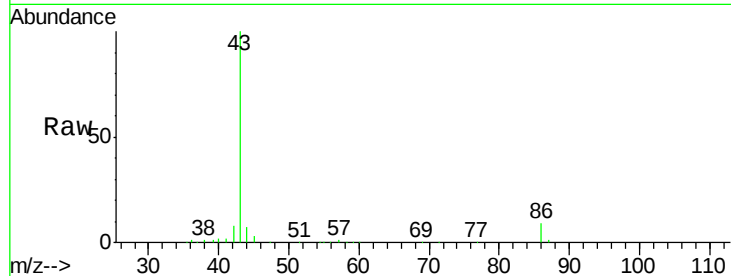
BFB

Tgt Ion: 43 Resp: 47474

Ion Ratio Lower Upper

43 100

86 9.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

20000

15000

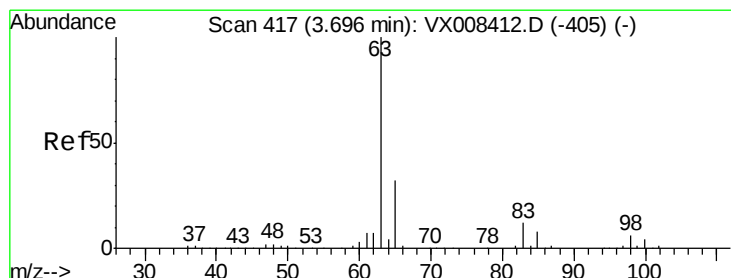
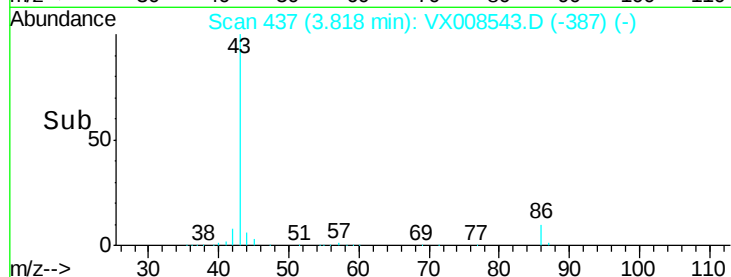
10000

5000

0

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 1.028 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

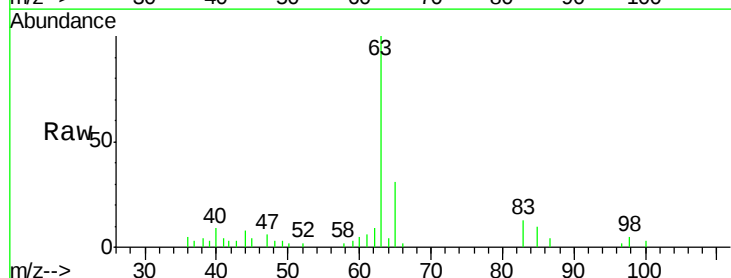
Tgt Ion: 63 Resp: 6185

Ion Ratio Lower Upper

63 100

98 4.7 3.2 9.6

100 2.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3000

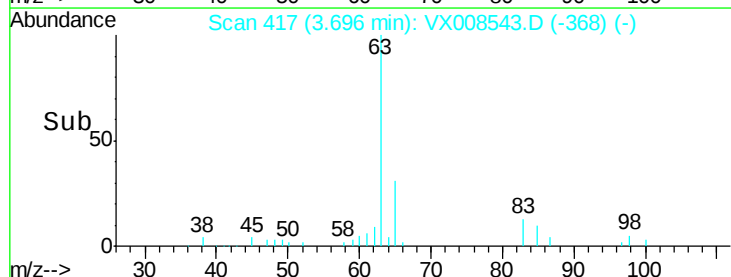
2000

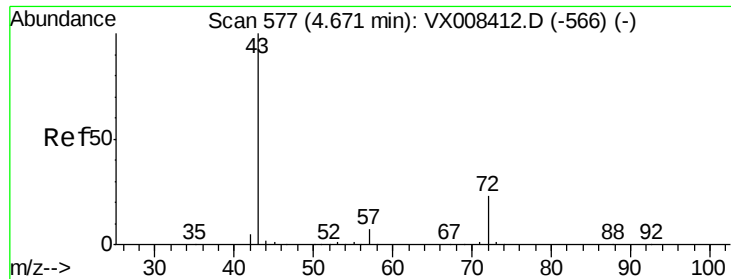
1000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 5.240 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

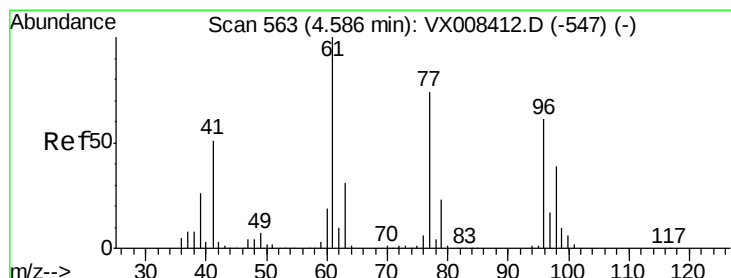
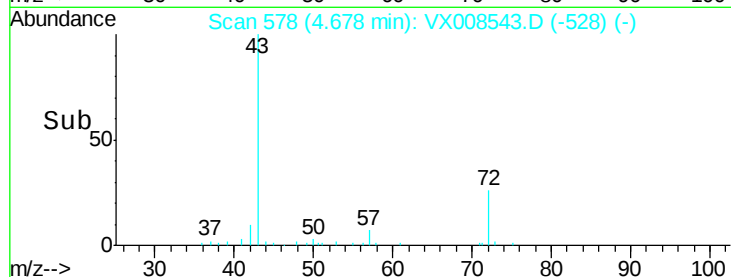
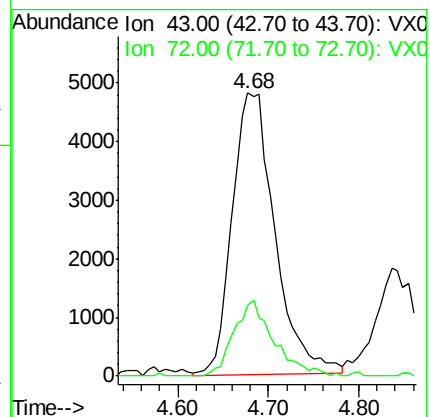
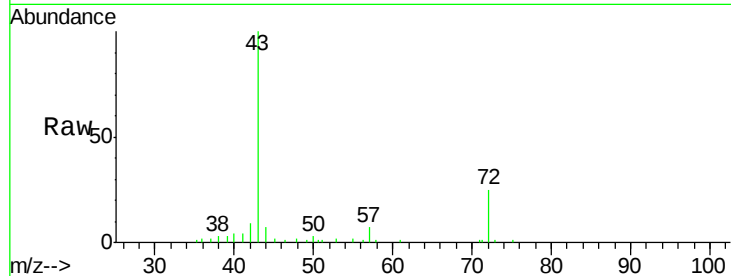
BFB

Tgt Ion: 43 Resp: 15713

Ion Ratio Lower Upper

43 100

72 25.3 18.6 28.0



#26

2,2-Dichloropropane

Concen: 1.009 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008543.D

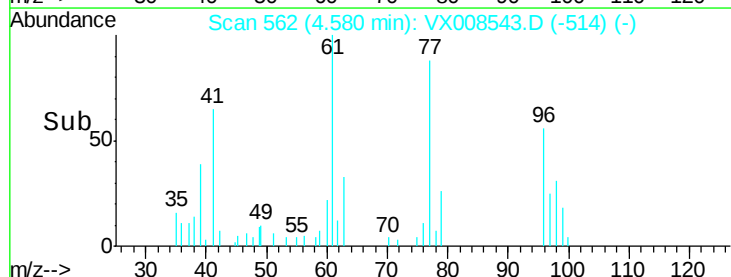
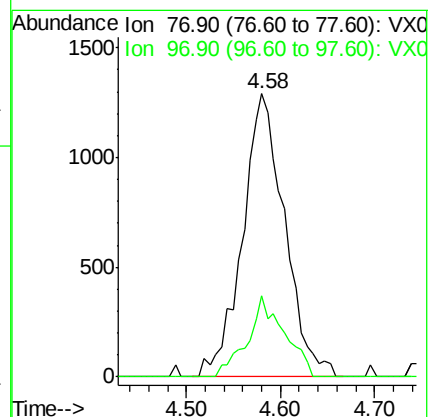
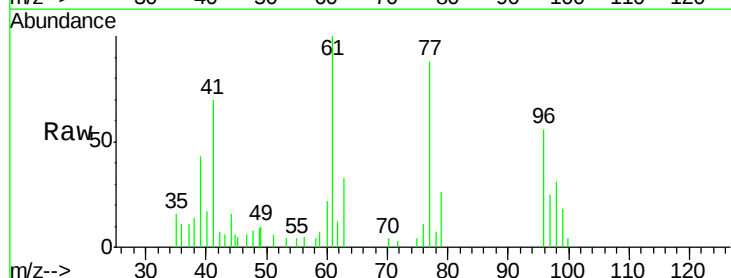
Acq: 29 Mar 2019 15:03

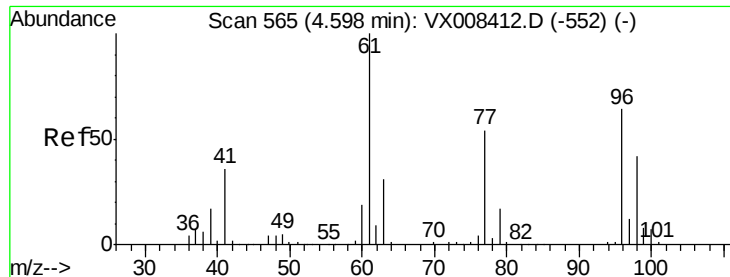
Tgt Ion: 77 Resp: 4037

Ion Ratio Lower Upper

77 100

97 25.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.072 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

BFB

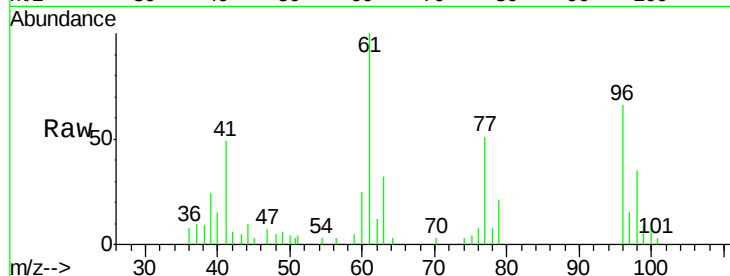
Tgt Ion: 96 Resp: 3600

Ion Ratio Lower Upper

96 100

61 164.0 0.0 325.6

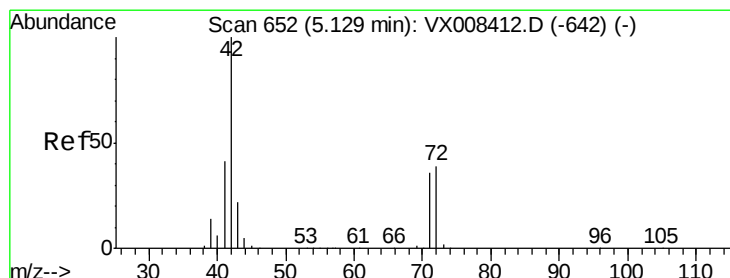
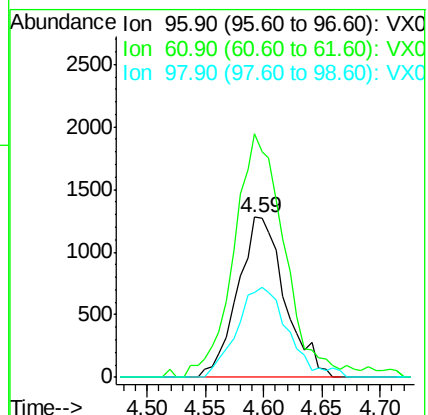
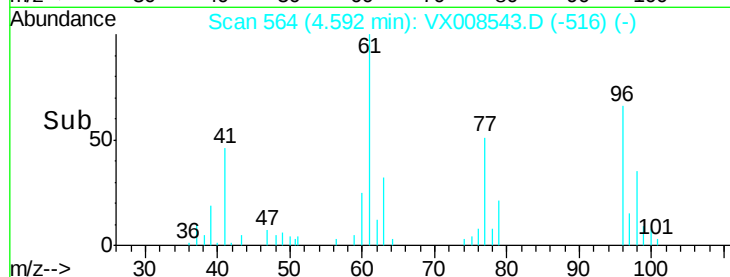
98 61.7 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 4.990 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

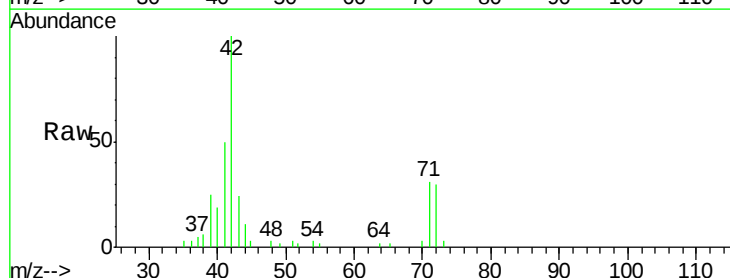
Tgt Ion: 42 Resp: 9863

Ion Ratio Lower Upper

42 100

72 40.6 31.4 47.2

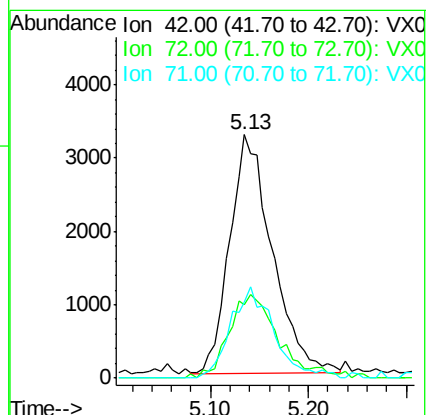
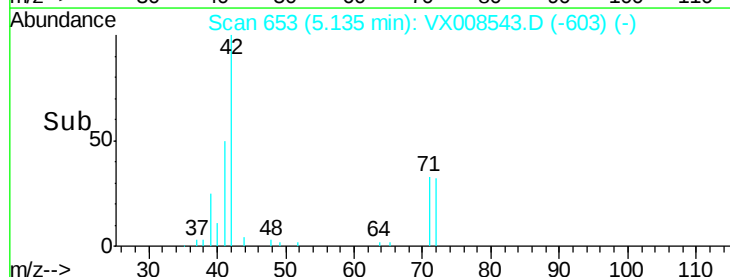
71 37.4 29.4 44.2

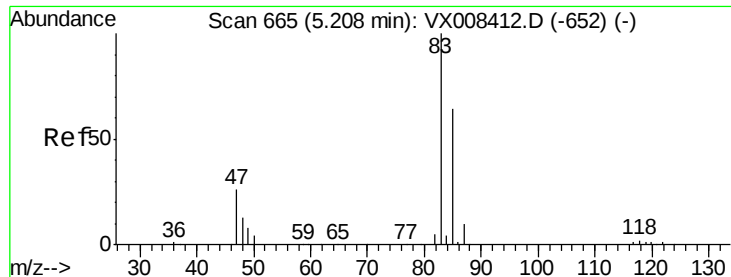


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

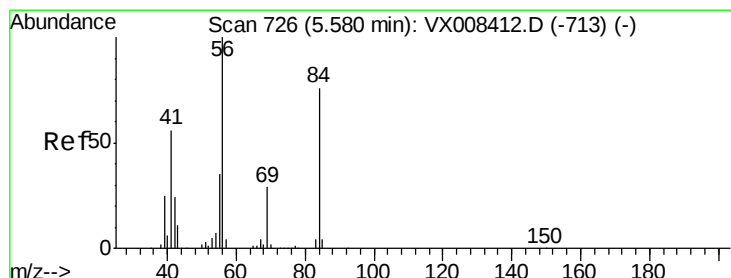
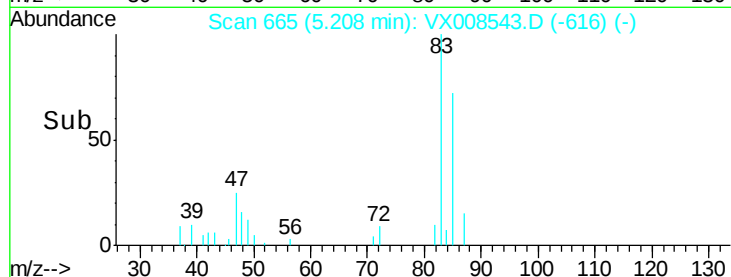
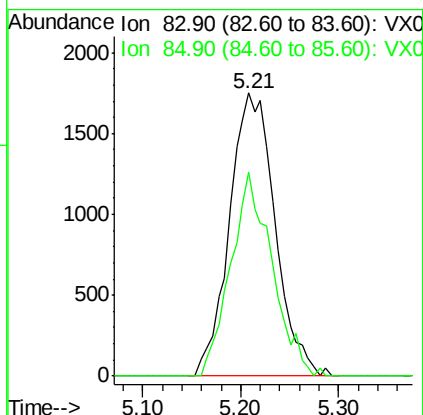
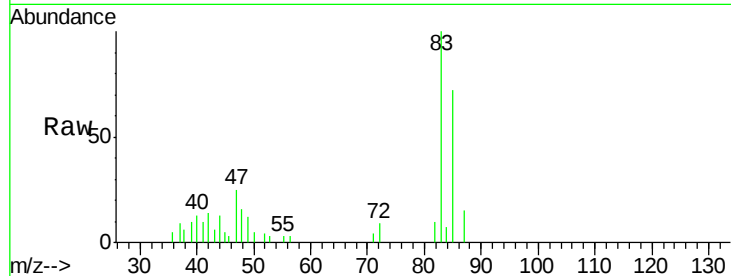




#30
Chloroform
Concen: 1.042 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

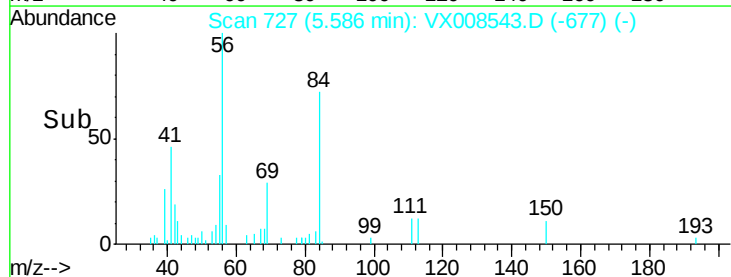
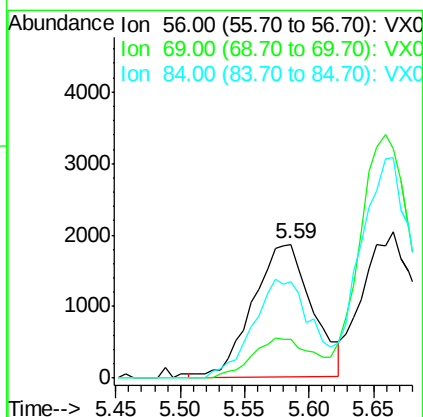
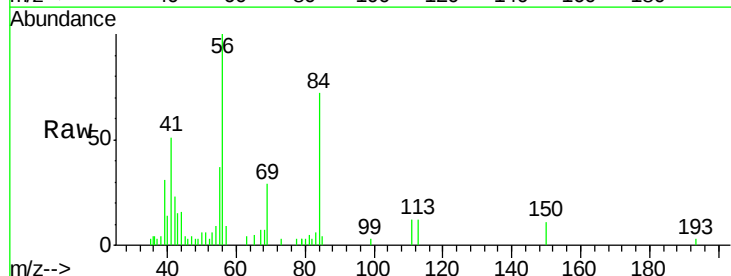
Instrument :
MSVOA_X
ClientSampled :
BFB

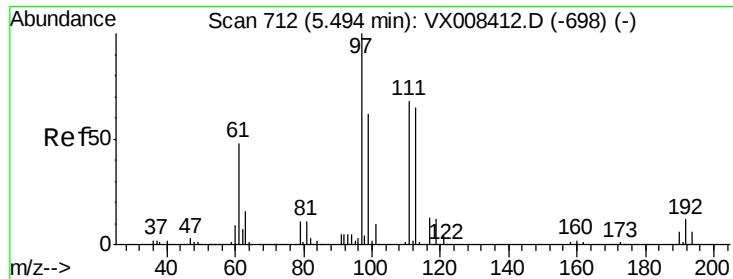
Tgt Ion: 83 Resp: 5658
Ion Ratio Lower Upper
83 100
85 72.1 51.4 77.2



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 56 Resp: 5961
Ion Ratio Lower Upper
56 100
69 30.5 23.2 34.8
84 74.2 60.7 91.1





#32

1,1,1-Trichloroethane

Concen: 1.013 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

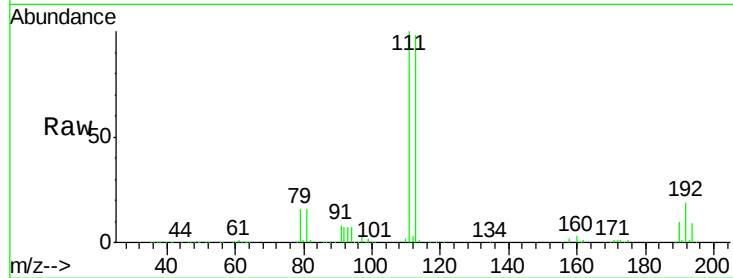
Tgt Ion: 97 Resp: 4397

Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

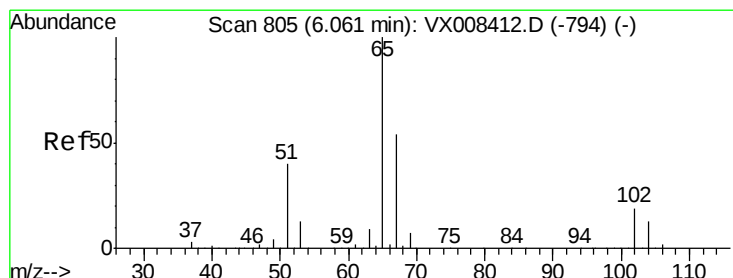
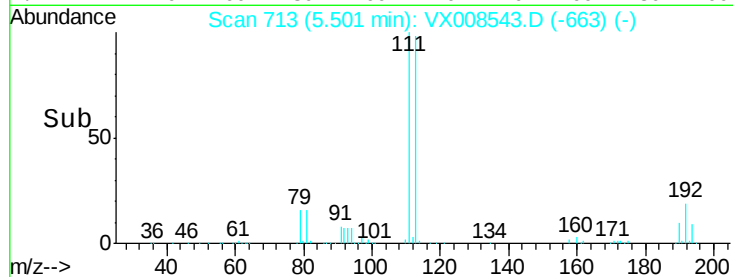
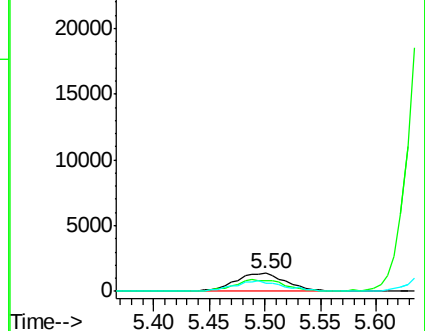
61 54.1 38.8 58.2



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: 54.077 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008543.D

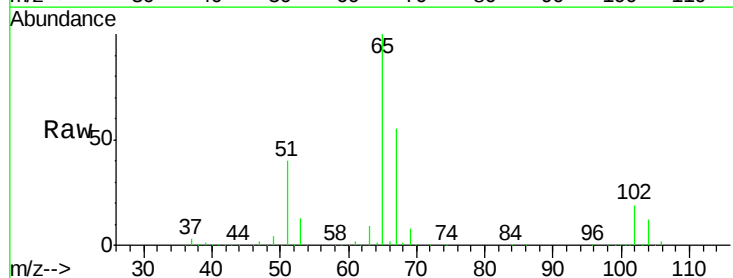
Acq: 29 Mar 2019 15:03

Tgt Ion: 65 Resp: 193530

Ion Ratio Lower Upper

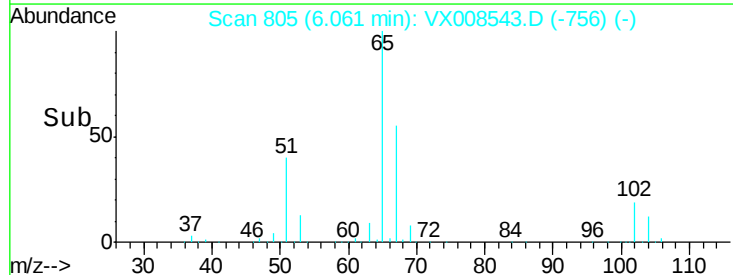
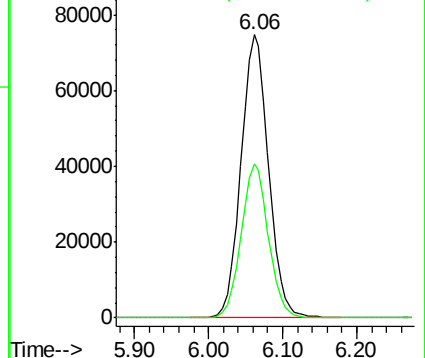
65 100

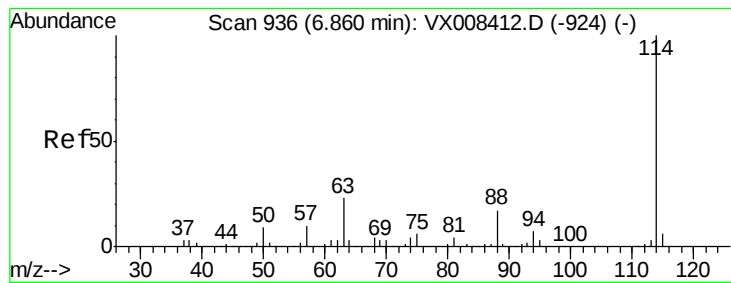
67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

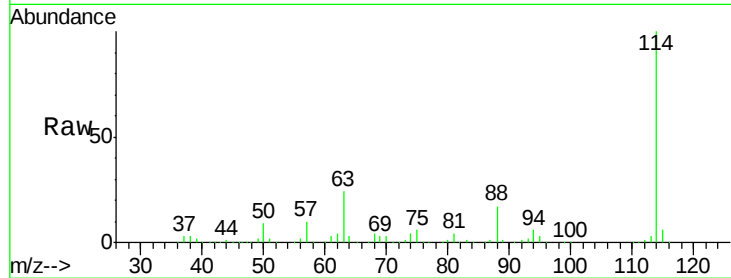
Tgt Ion:114 Resp: 404293

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

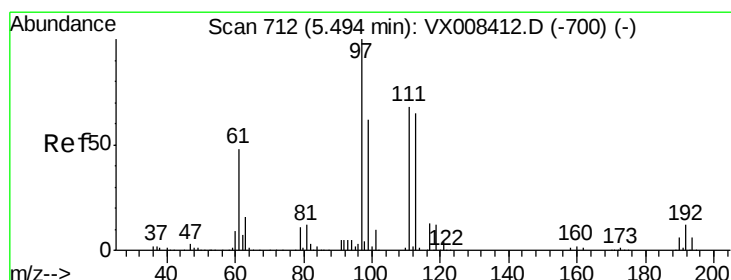
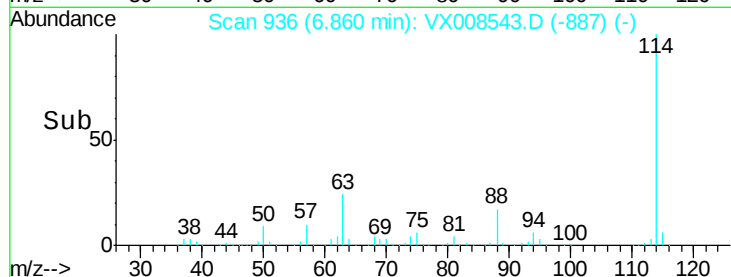
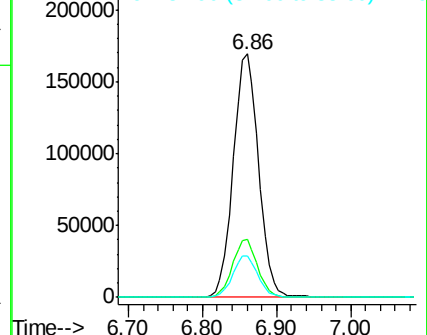
88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 53.427 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

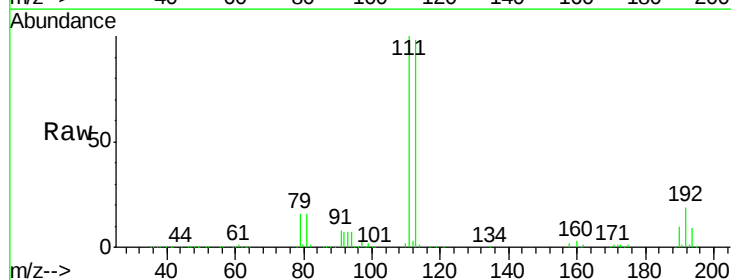
Tgt Ion:113 Resp: 140844

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

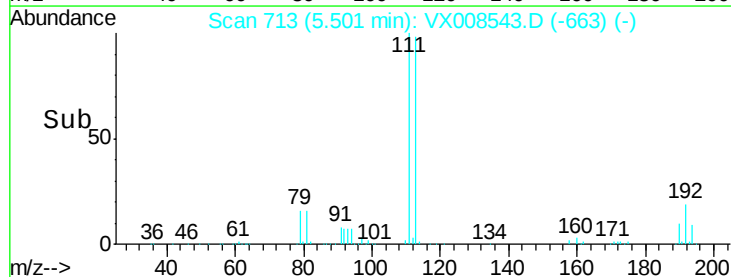
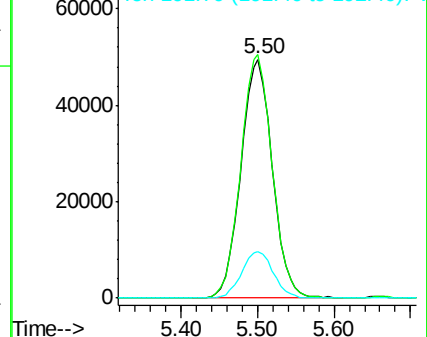
192 19.7 15.6 23.4

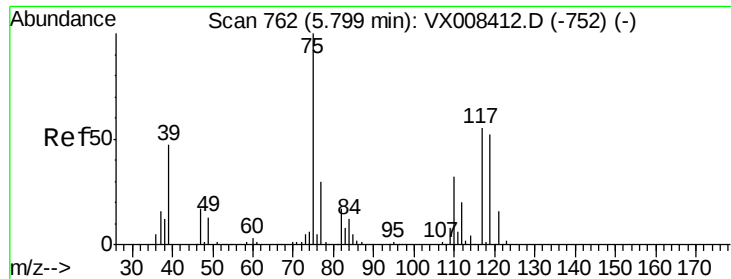


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

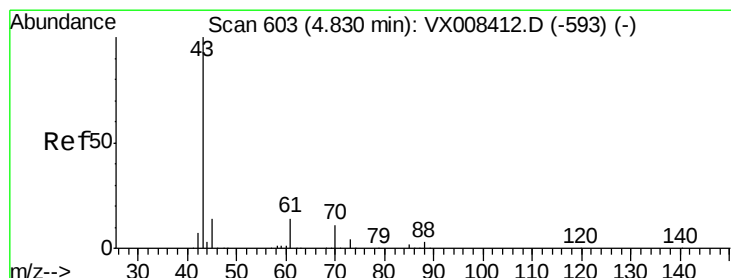
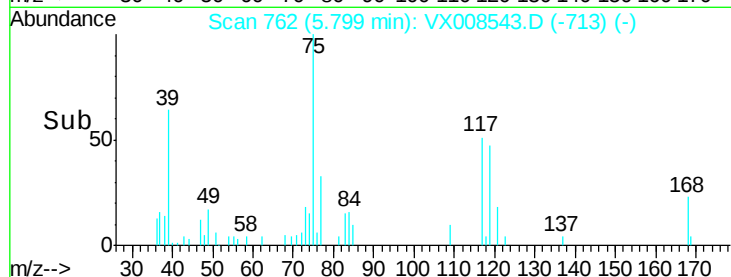
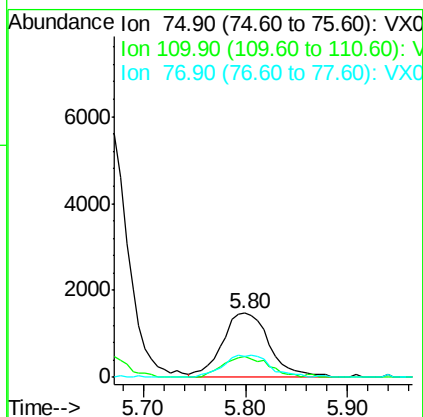
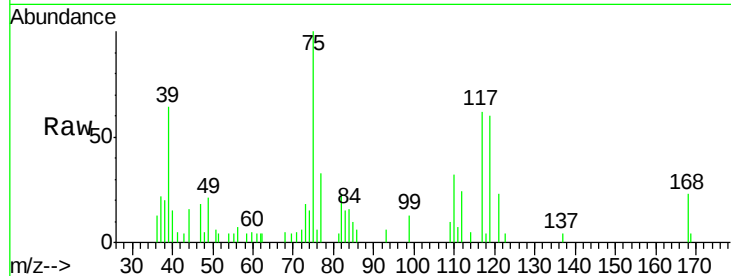




#36
 1,1-Dichloropropene
 Concen: 1.109 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

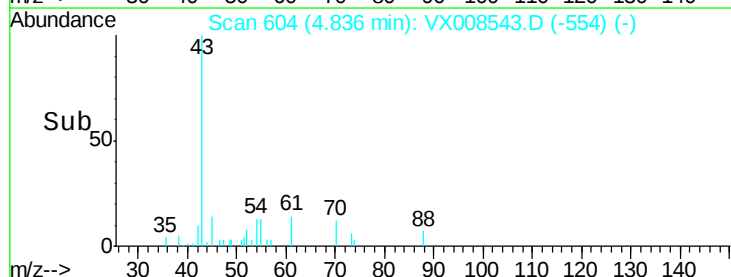
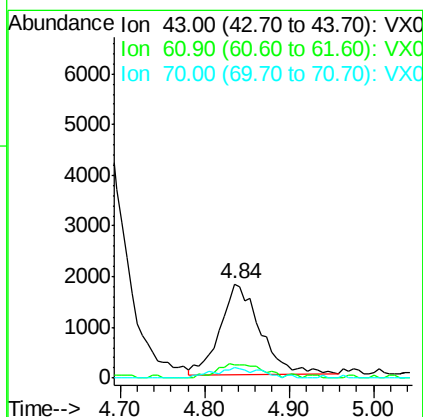
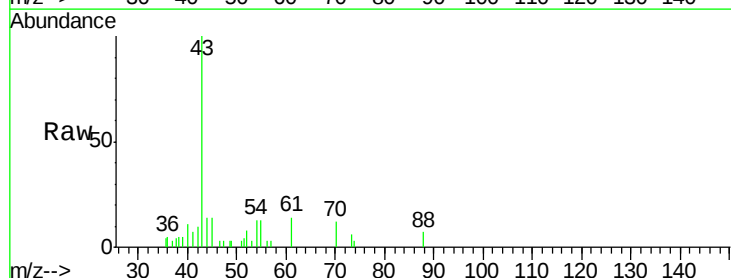
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

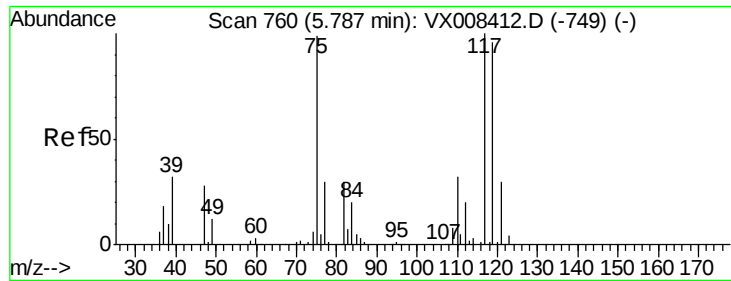
Tgt Ion: 75 Resp: 4780
 Ion Ratio Lower Upper
 75 100
 110 30.8 16.6 49.7
 77 34.1 24.2 36.2



#37
 Ethyl Acetate
 Concen: 1.045 ug/l
 RT: 4.84 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 43 Resp: 5838
 Ion Ratio Lower Upper
 43 100
 61 17.8 10.5 15.7#
 70 9.6 7.8 11.8

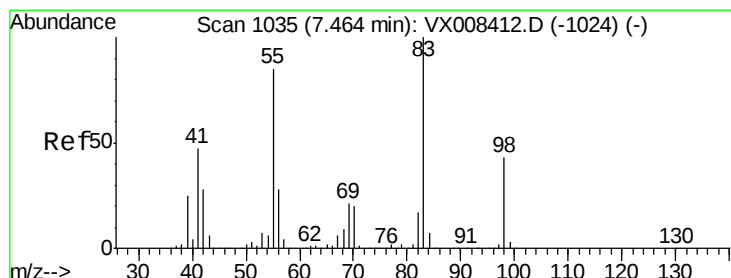
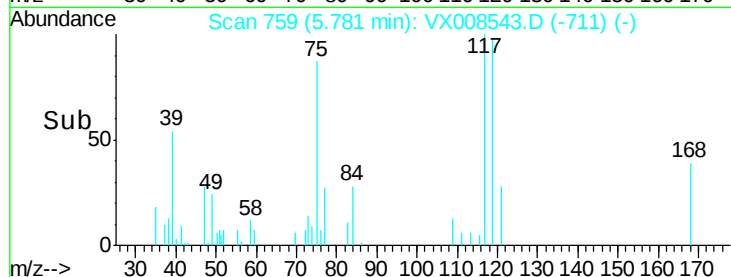
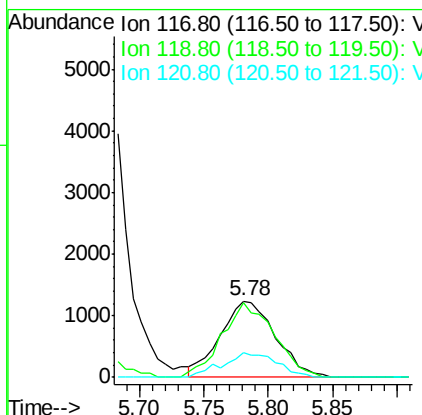
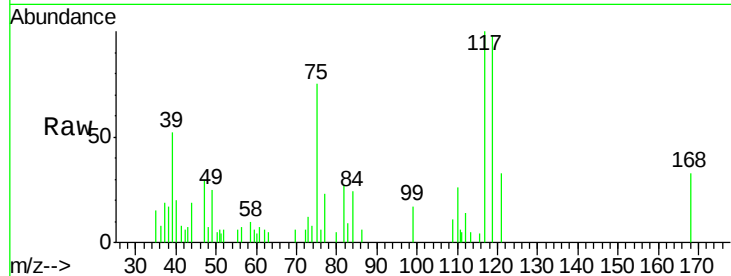




#38
Carbon Tetrachloride
Concen: 1.025 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

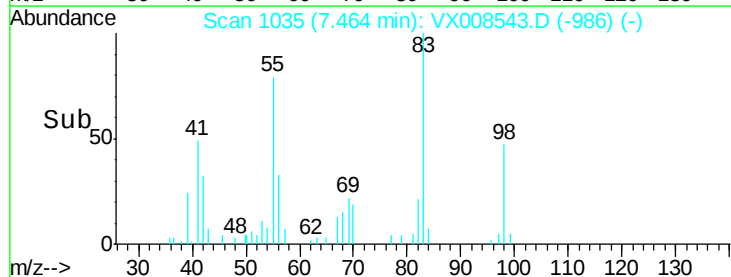
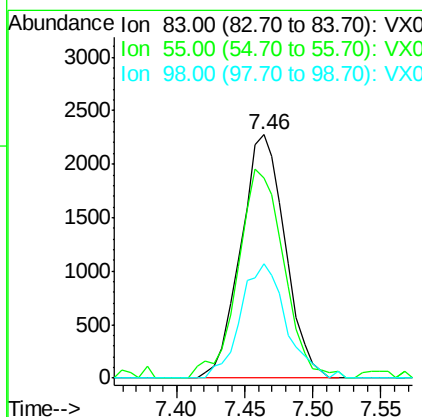
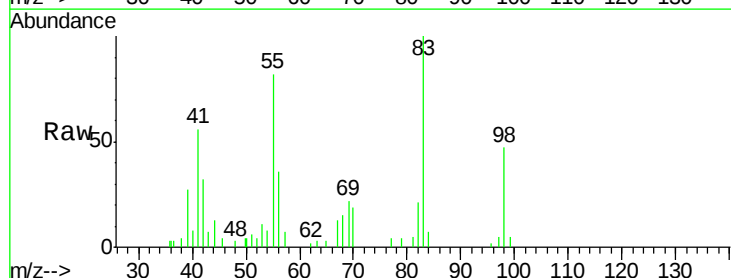
Instrument :
MSVOA_X
ClientSampled :
BFB

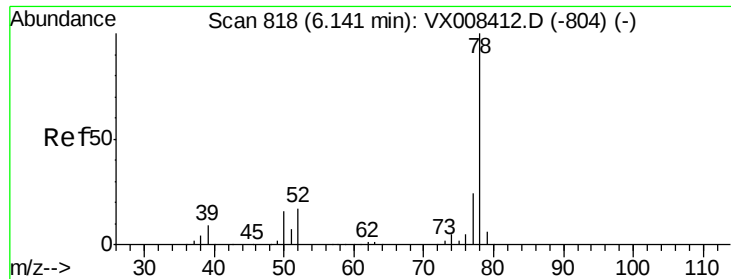
Tgt Ion: 117 Resp: 3689
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1
121 32.9 24.3 36.5



#39
Methylcyclohexane
Concen: 1.007 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 83 Resp: 5190
Ion Ratio Lower Upper
83 100
55 82.3 68.2 102.4
98 46.8 34.2 51.4





#40

Benzene

Concen: 1.017 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

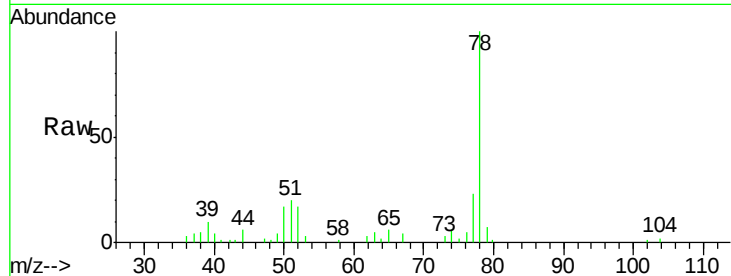
BFB

Tgt Ion: 78 Resp: 13130

Ion Ratio Lower Upper

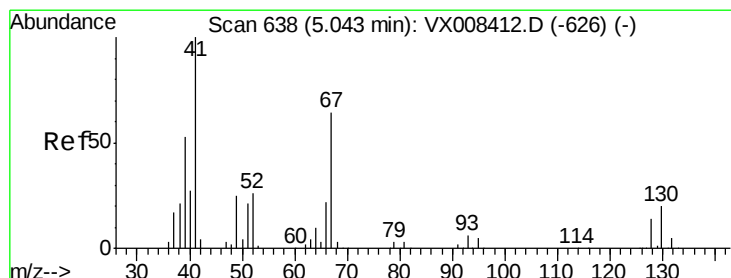
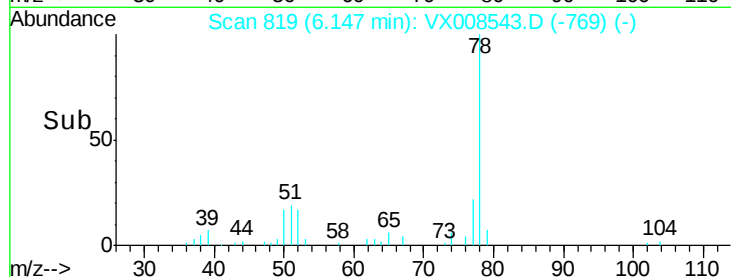
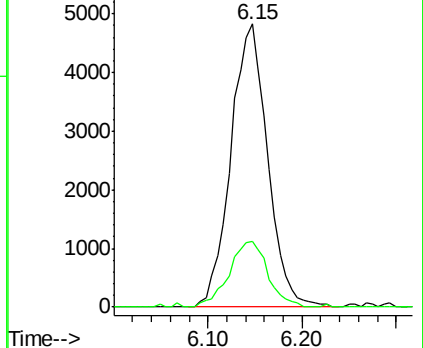
78 100

77 23.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.009 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Tgt Ion: 41 Resp: 3165

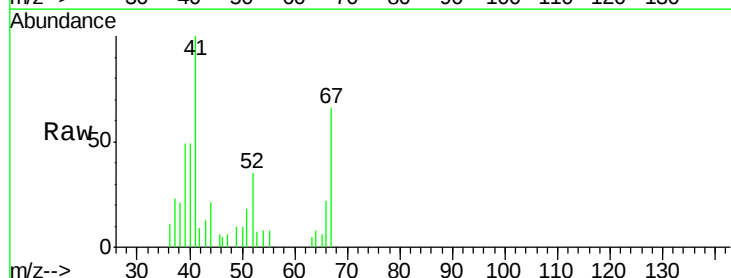
Ion Ratio Lower Upper

41 100

39 64.8 42.6 64.0#

67 72.5 52.2 78.4

52 36.5 21.4 32.0#

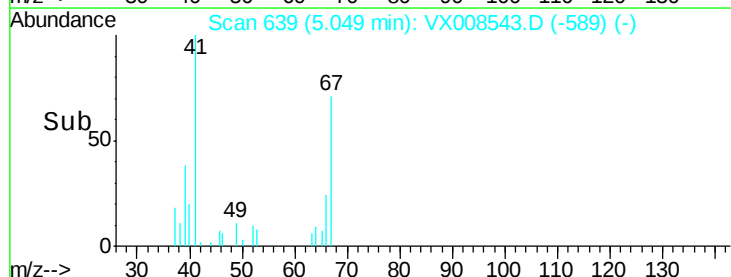
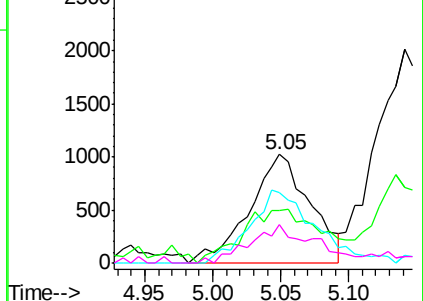


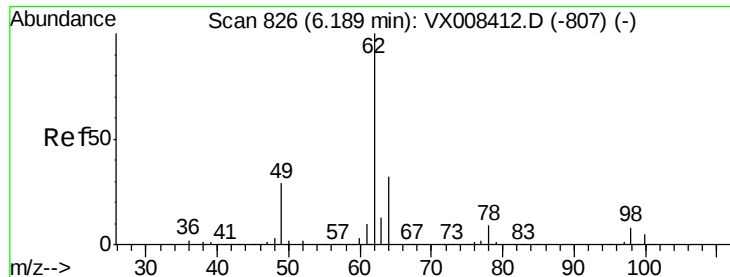
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

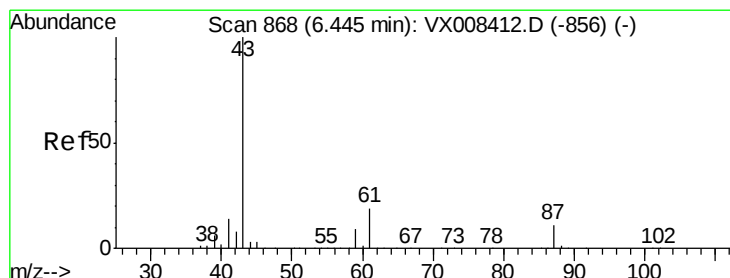
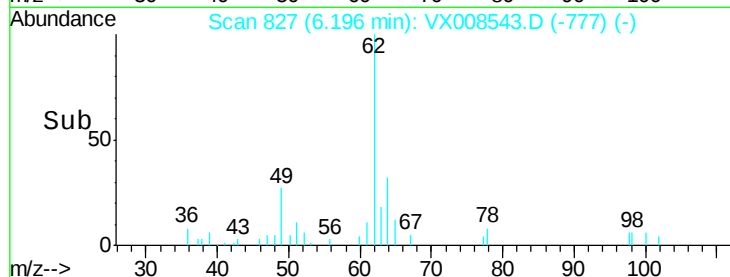
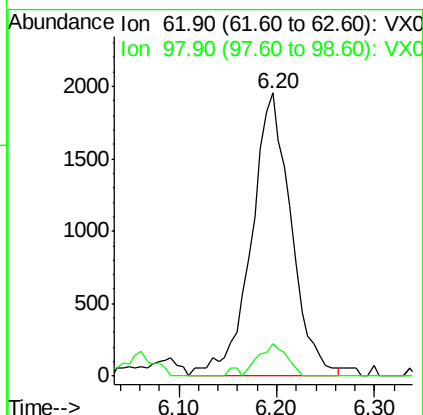
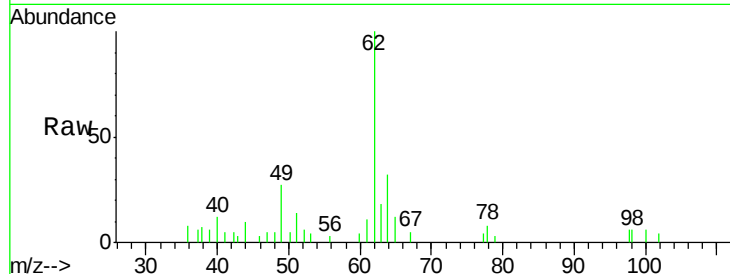




#42
 1,2-Dichloroethane
 Concen: 1.176 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

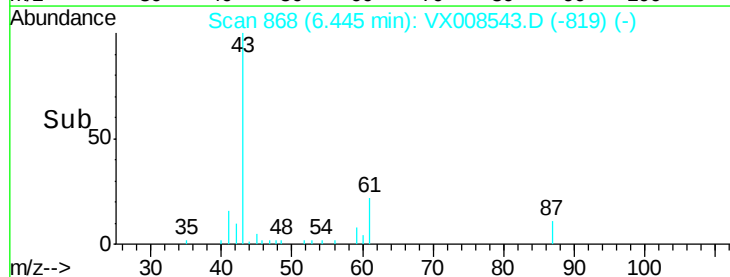
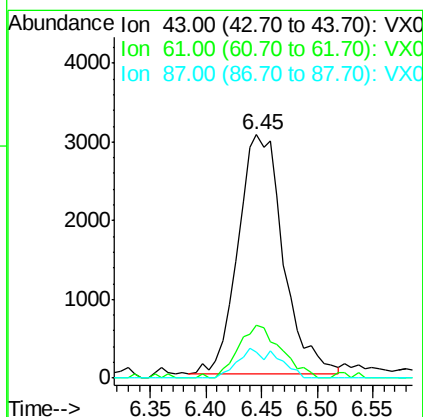
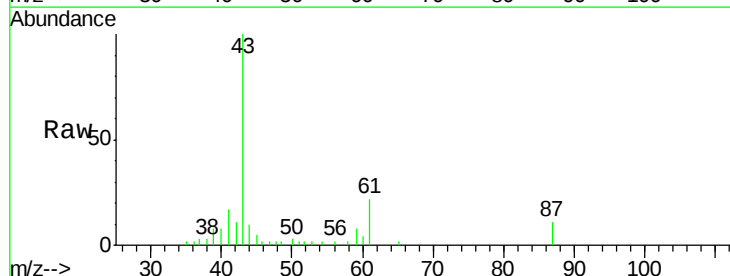
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

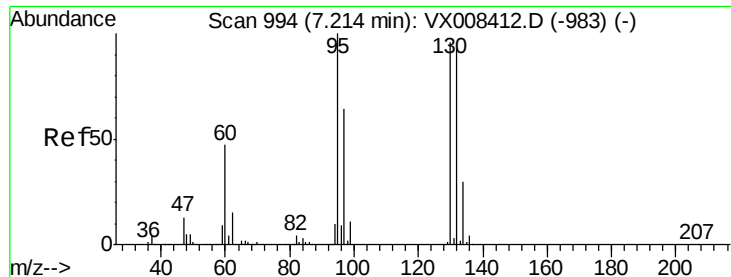
Tgt Ion: 62 Resp: 5558
 Ion Ratio Lower Upper
 62 100
 98 8.1 0.0 17.6



#43
 Isopropyl Acetate
 Concen: 0.960 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 43 Resp: 8573
 Ion Ratio Lower Upper
 43 100
 61 20.7 15.4 23.2
 87 6.7 9.1 13.7#





#44

Trichloroethene

Concen: 0.977 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

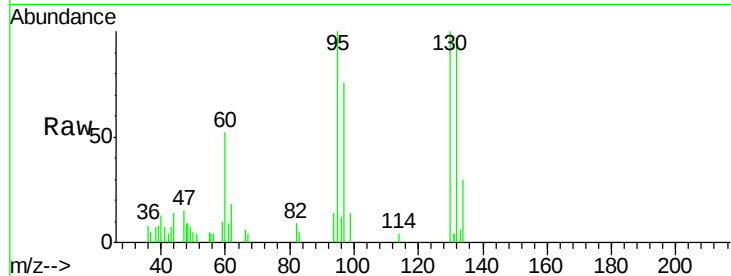
BFB

Tgt Ion:130 Resp: 2959

Ion Ratio Lower Upper

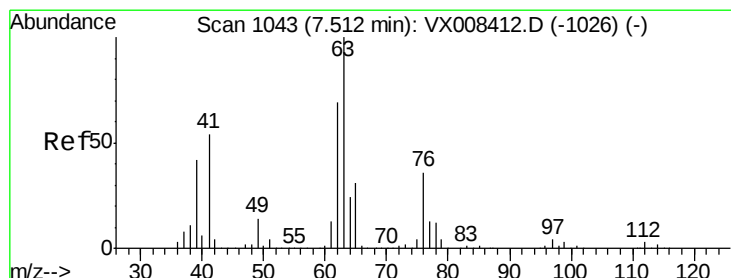
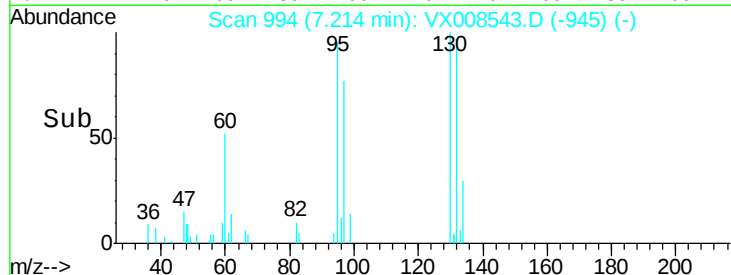
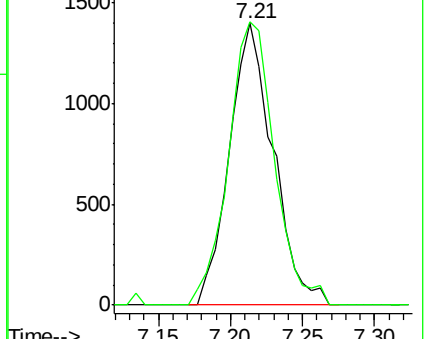
130 100

95 100.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.056 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX008543.D

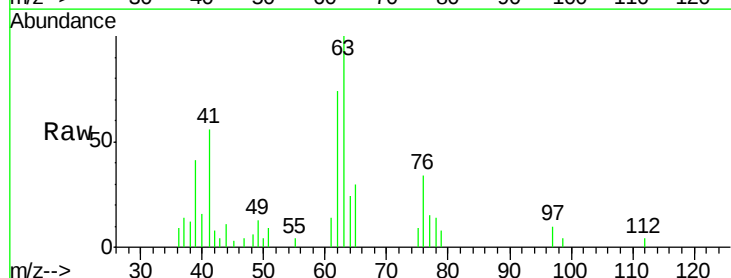
Acq: 29 Mar 2019 15:03

Tgt Ion: 63 Resp: 3873

Ion Ratio Lower Upper

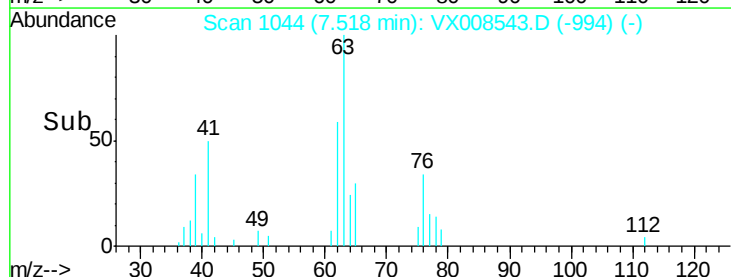
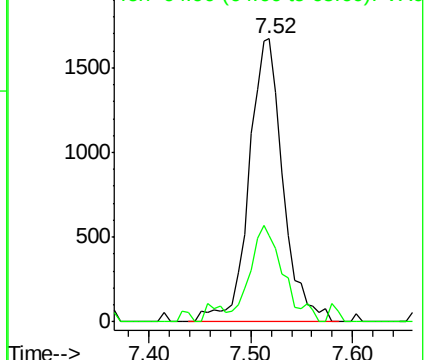
63 100

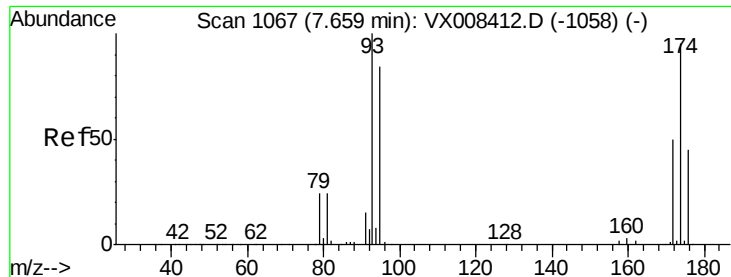
65 26.8 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

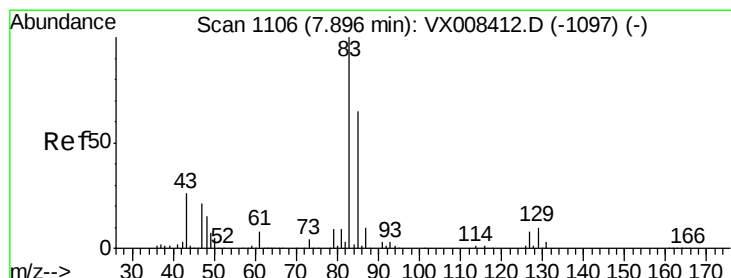
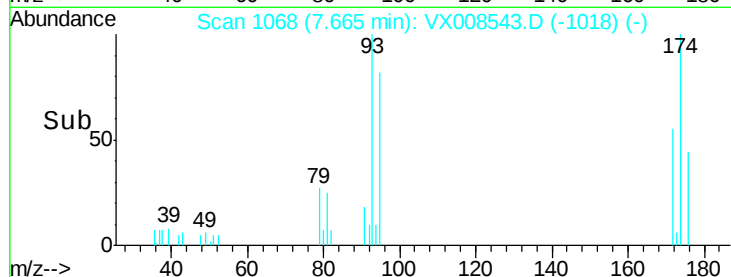
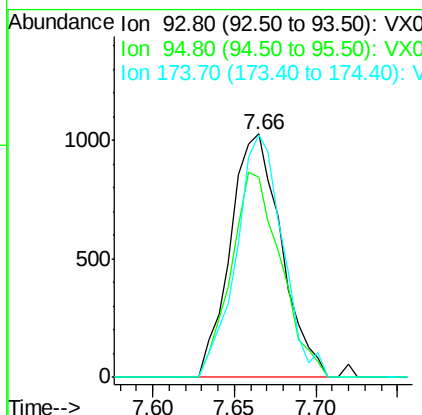
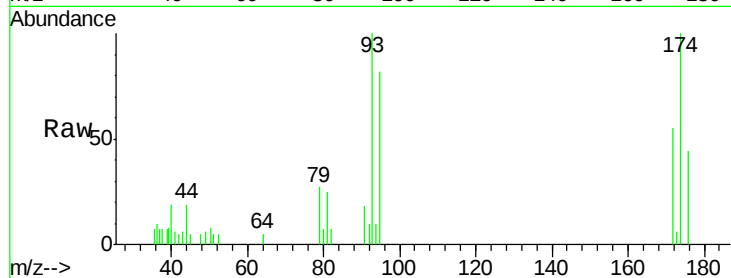




#46
Dibromomethane
Concen: 1.040 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

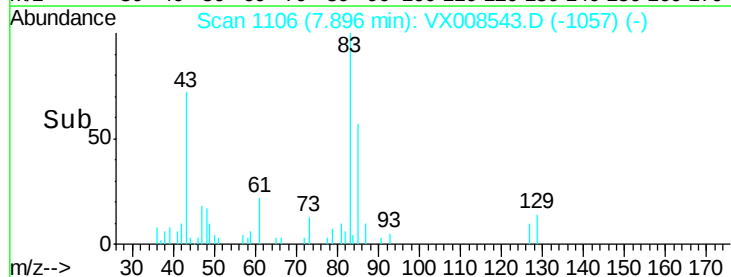
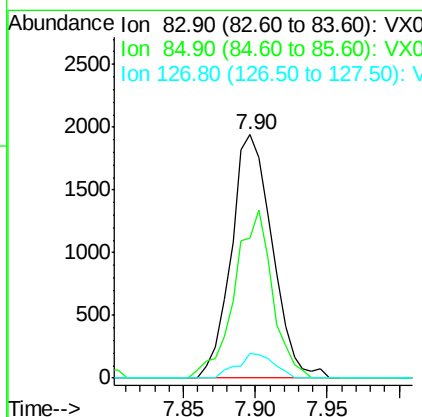
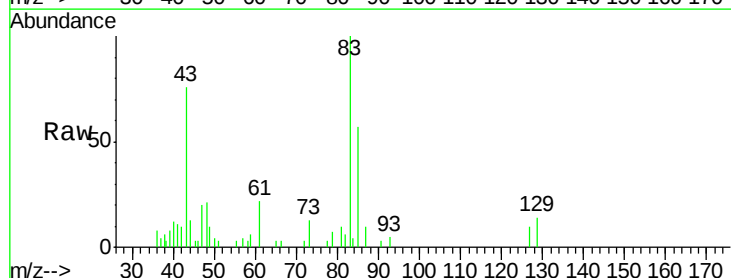
Instrument :
MSVOA_X
ClientSampled :
BFB

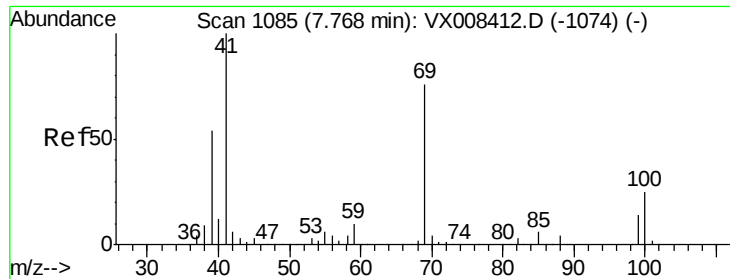
Tgt Ion: 93 Resp: 2228
Ion Ratio Lower Upper
93 100
95 82.1 67.0 100.6
174 91.0 76.0 114.0



#47
Bromodichloromethane
Concen: 0.938 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 83 Resp: 3847
Ion Ratio Lower Upper
83 100
85 57.4 52.0 78.0
127 9.9 6.4 9.6#

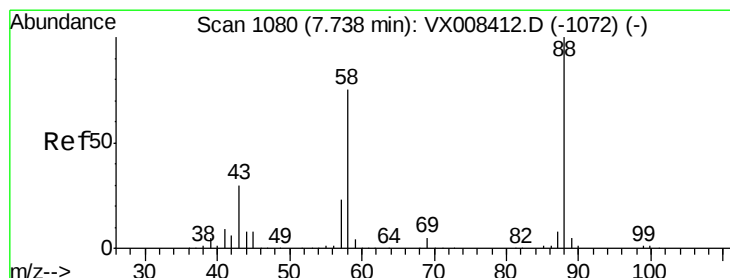
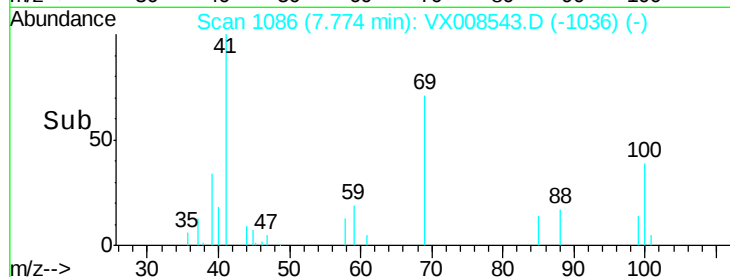
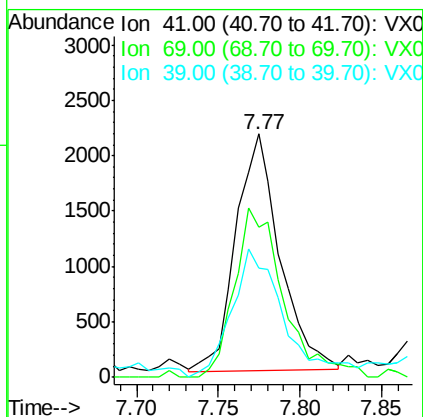
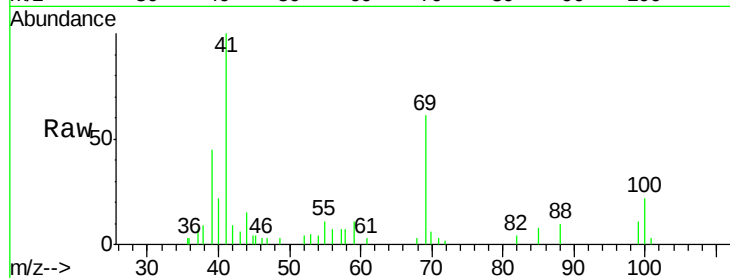




#48
Methyl methacrylate
Concen: 0.899 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

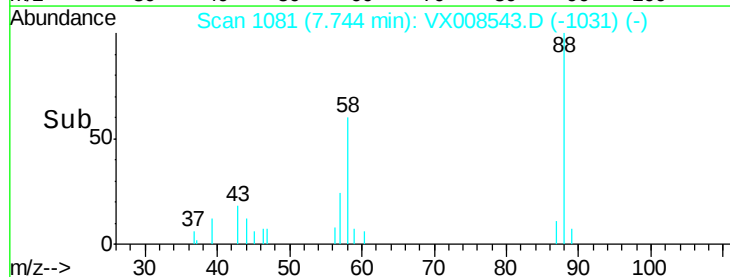
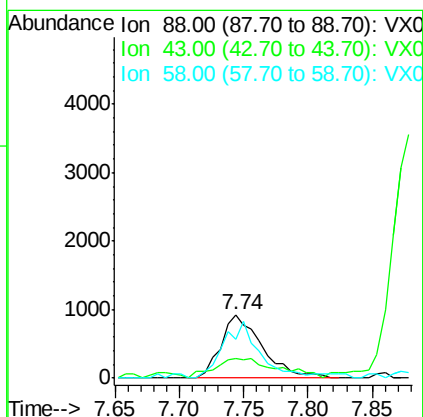
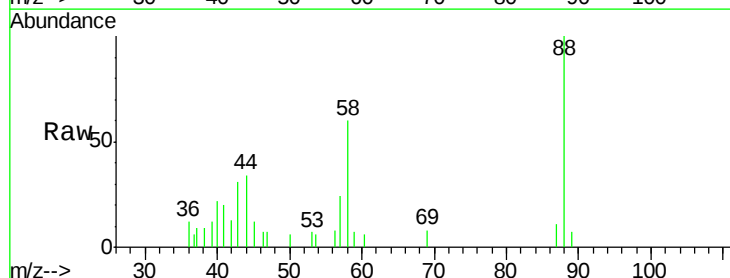
Instrument :
MSVOA_X
ClientSampleId :
BFB

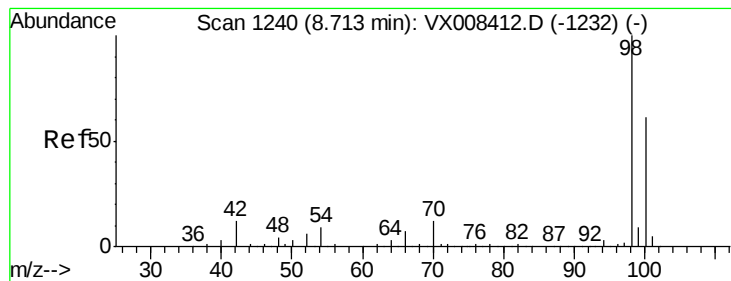
Tgt Ion: 41 Resp: 4017
Ion Ratio Lower Upper
41 100
69 79.7 60.8 91.2
39 64.2 42.3 63.5#



#49
1,4-Dioxane
Concen: 23.260 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 88 Resp: 2067
Ion Ratio Lower Upper
88 100
43 46.5 28.6 43.0#
58 80.1 63.0 94.4





#50

Toluene-d8

Concen: 52.724 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

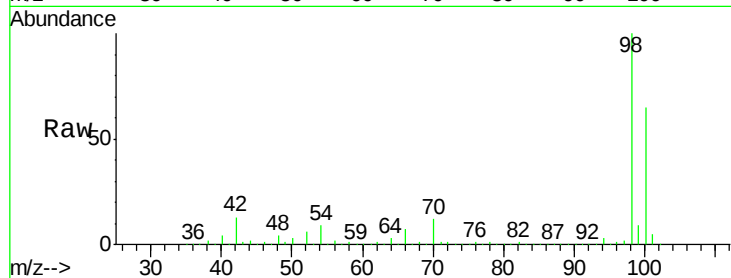
BFB

Tgt Ion: 98 Resp: 555766

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

300000

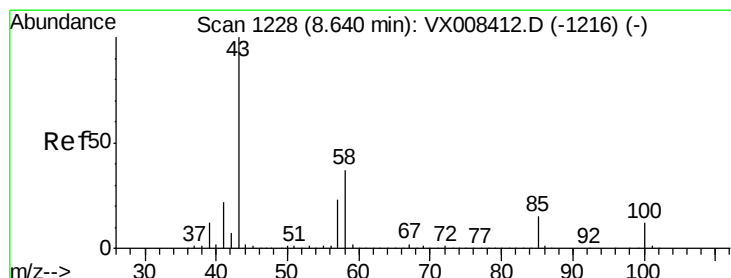
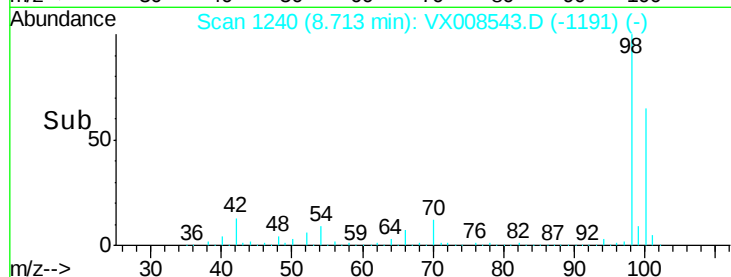
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 4.799 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008543.D

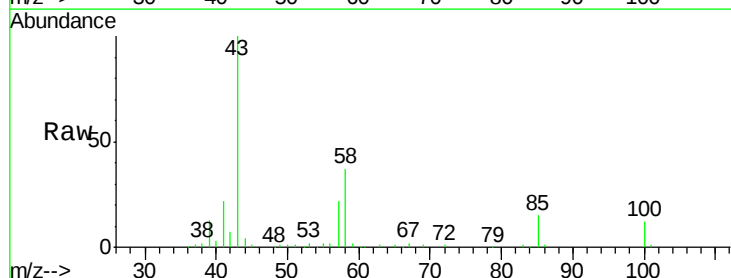
Acq: 29 Mar 2019 15:03

Tgt Ion: 43 Resp: 27842

Ion Ratio Lower Upper

43 100

58 36.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

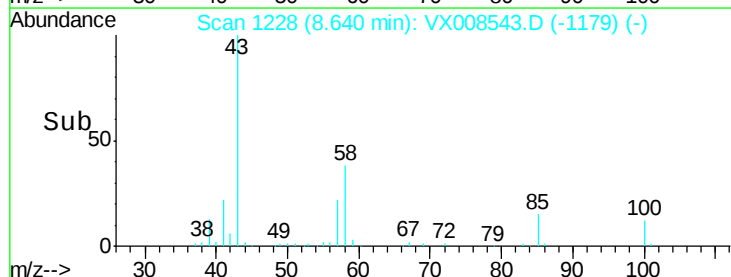
10000

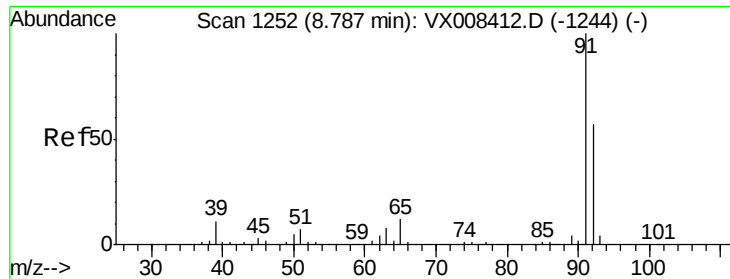
5000

0

Time-->

8.55 8.60 8.65 8.70





#52

Toluene

Concen: 1.015 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

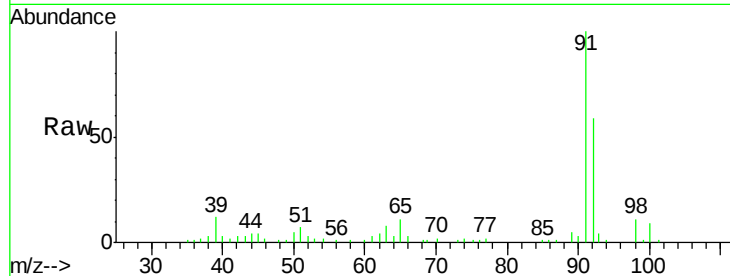
BFB

Tgt Ion: 92 Resp: 7834

Ion Ratio Lower Upper

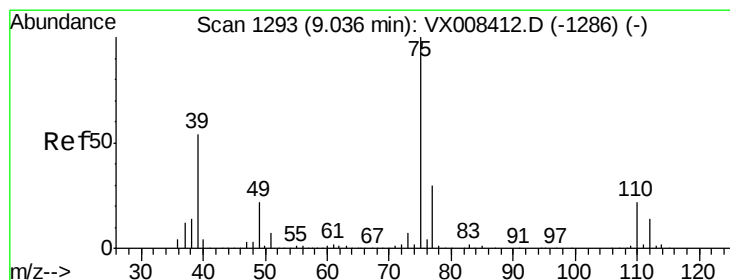
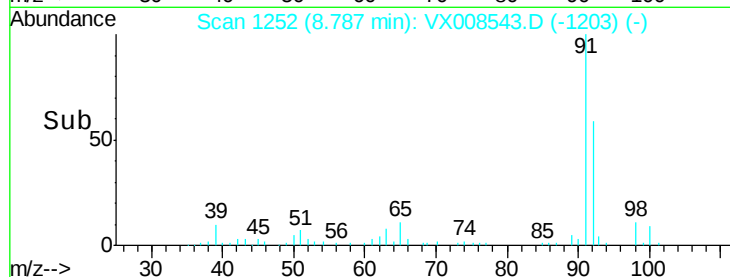
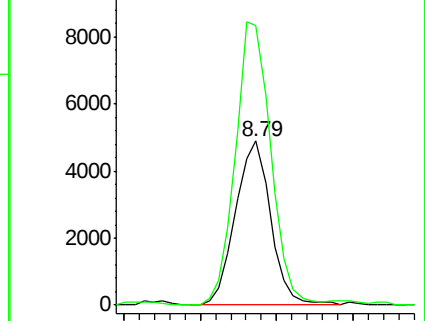
92 100

91 173.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.852 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008543.D

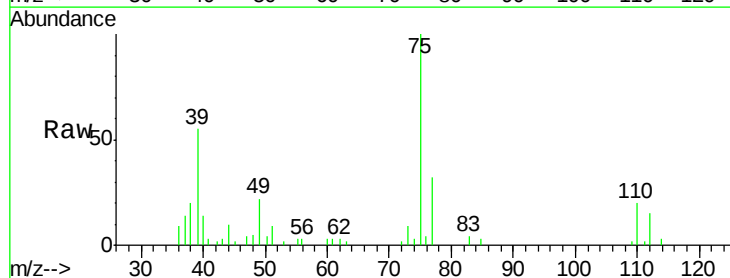
Acq: 29 Mar 2019 15:03

Tgt Ion: 75 Resp: 3825

Ion Ratio Lower Upper

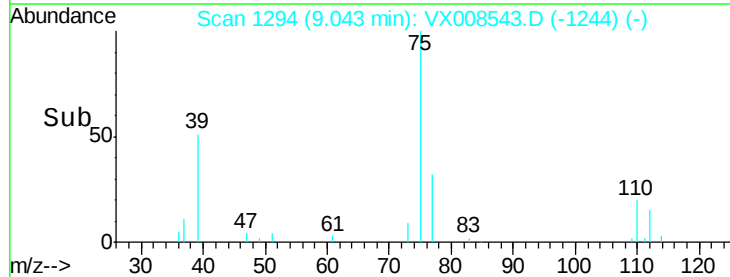
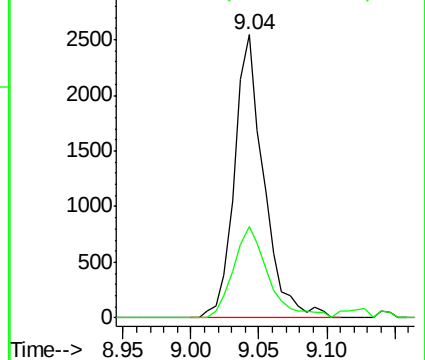
75 100

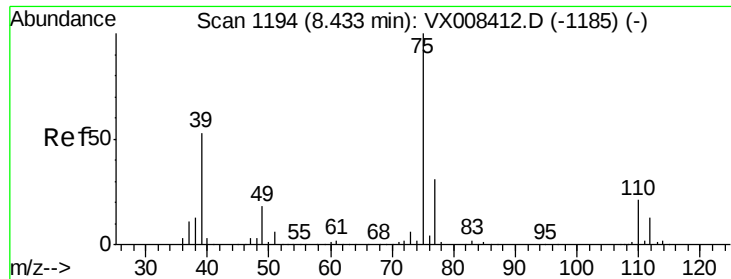
77 32.4 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



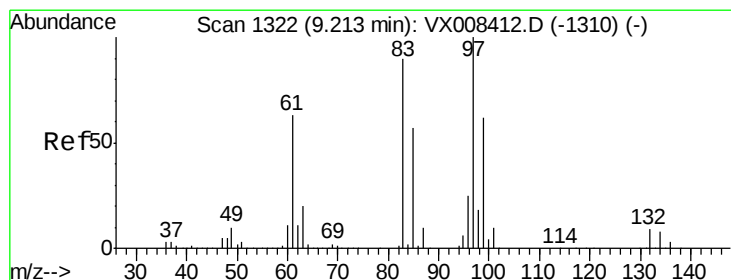
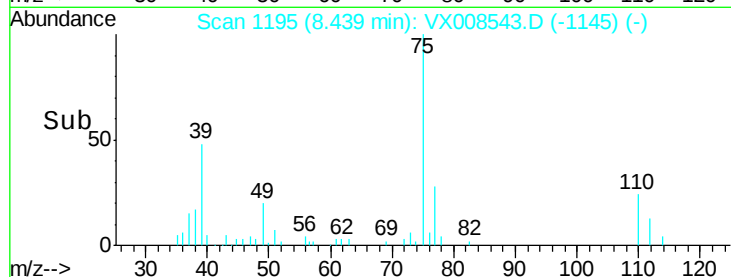
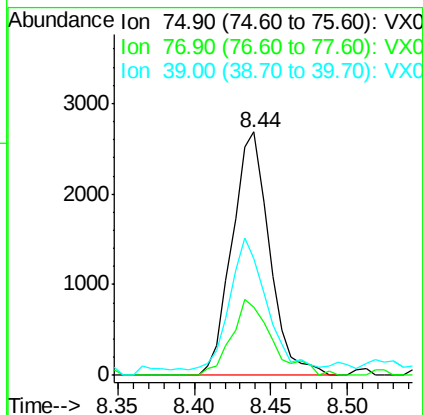
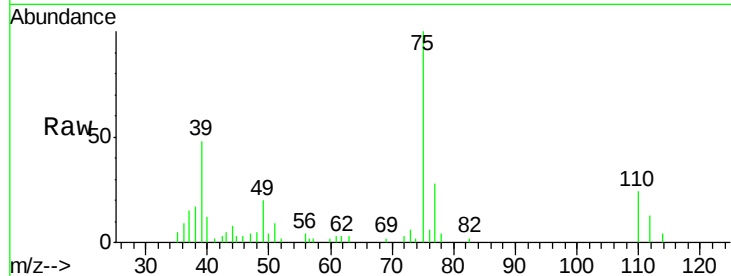


#54

cis-1,3-Dichloropropene
 Concen: 0.893 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

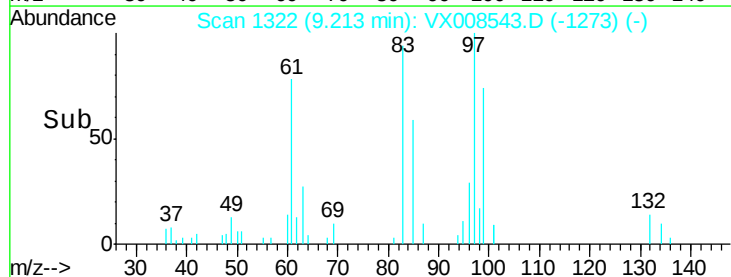
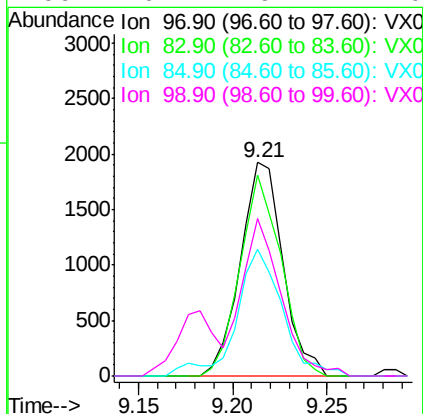
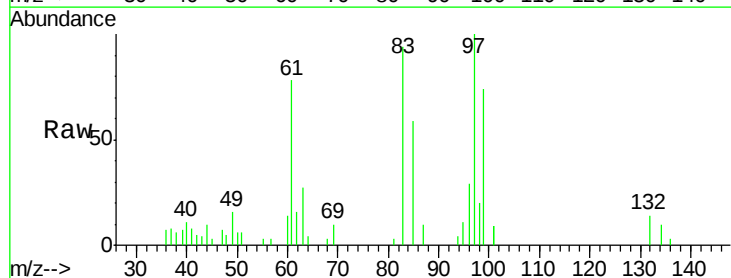
Tgt Ion: 75 Resp: 4561
 Ion Ratio Lower Upper
 75 100
 77 28.3 24.7 37.1
 39 45.9 42.4 63.6

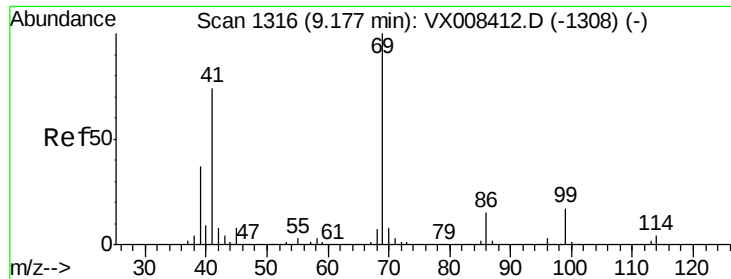


#55

1,1,2-Trichloroethane
 Concen: 0.962 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 97 Resp: 3022
 Ion Ratio Lower Upper
 97 100
 83 94.1 71.8 107.6
 85 56.0 45.9 68.9
 99 70.1 49.4 74.0





#56

Ethyl methacrylate

Concen: 0.939 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

BFB

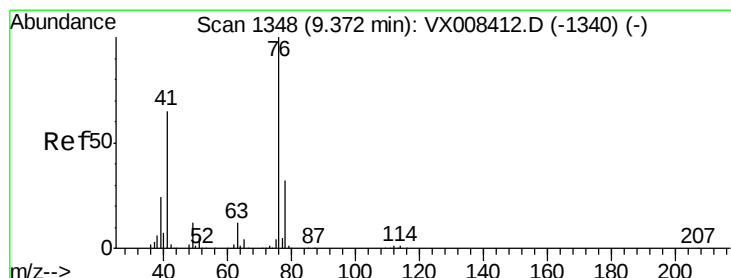
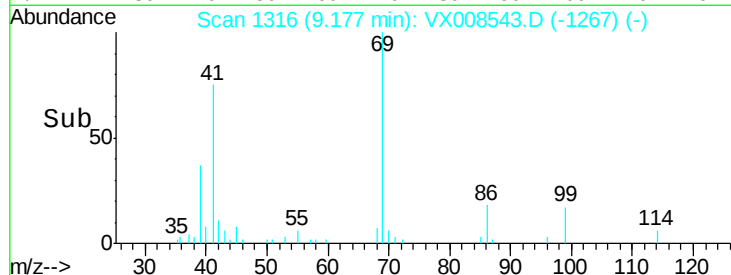
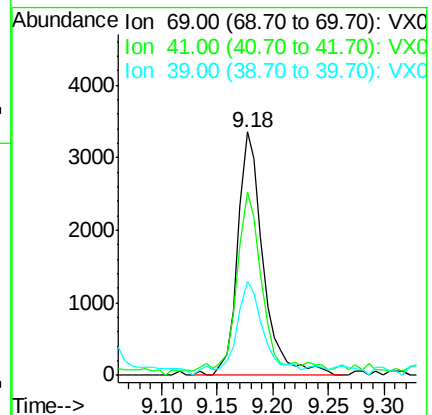
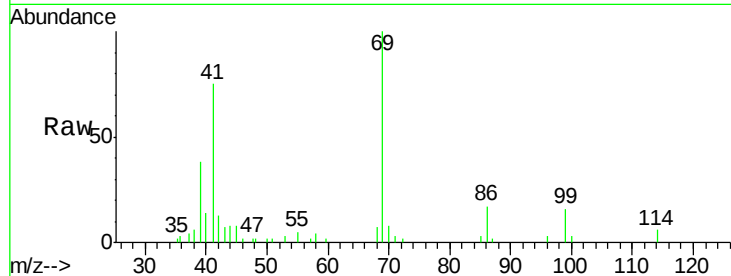
Tgt Ion: 69 Resp: 5323

Ion Ratio Lower Upper

69 100

41 76.3 59.5 89.3

39 42.6 29.3 43.9



#57

1,3-Dichloropropane

Concen: 1.005 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008543.D

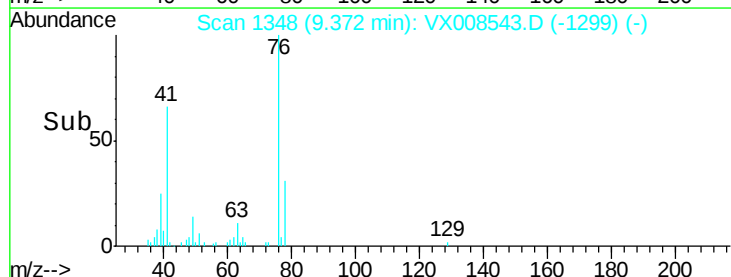
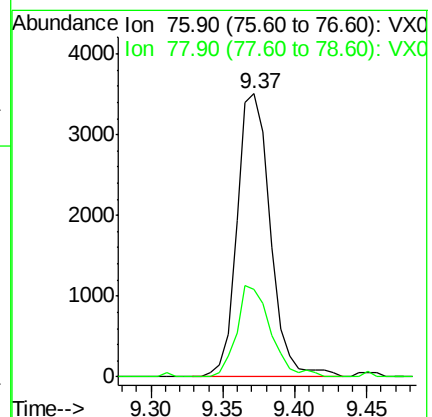
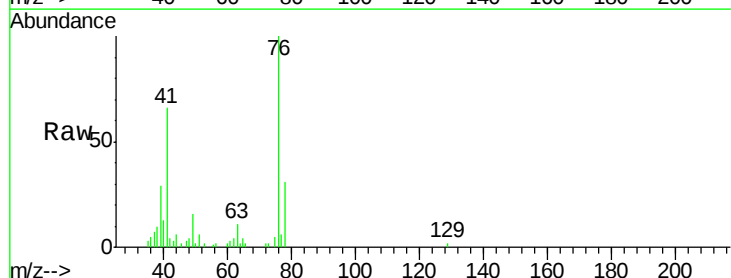
Acq: 29 Mar 2019 15:03

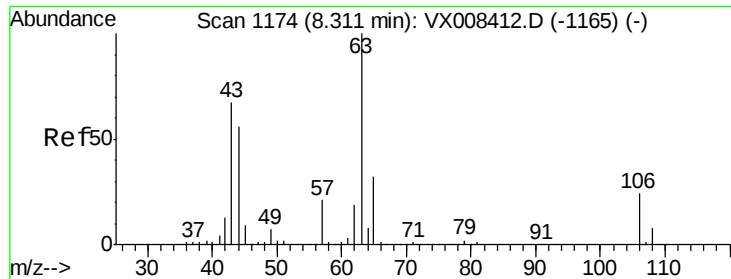
Tgt Ion: 76 Resp: 5660

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8

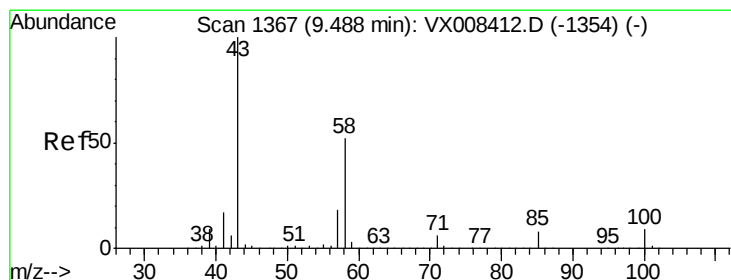
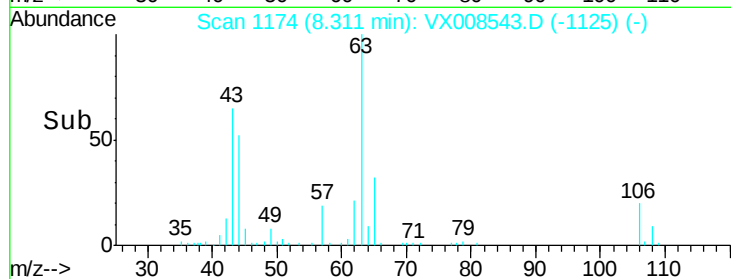
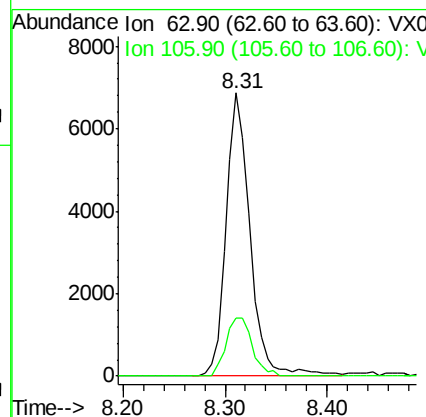
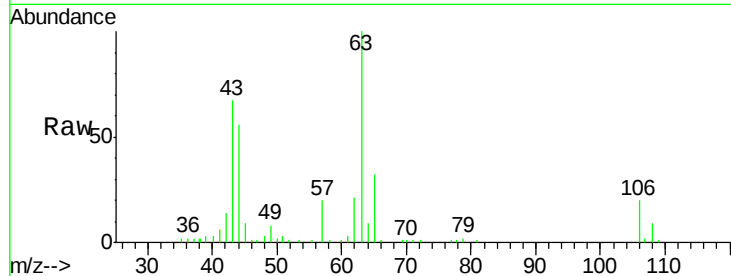




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.842 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

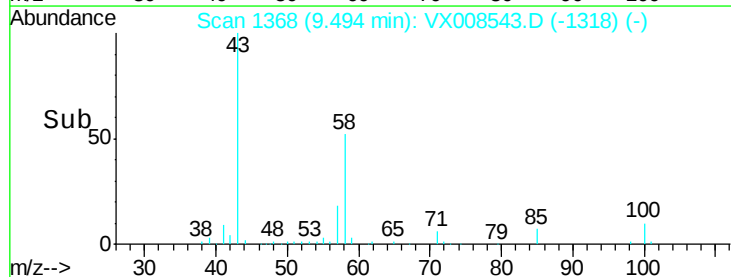
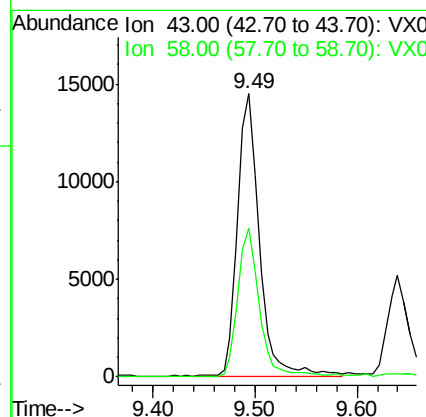
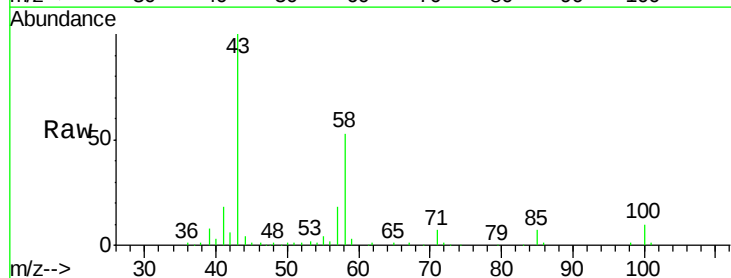
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

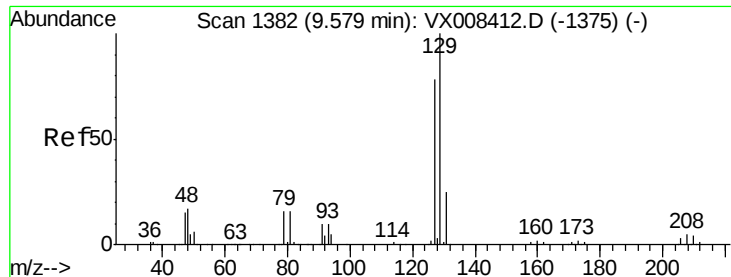
Tgt Ion: 63 Resp: 11259
 Ion Ratio Lower Upper
 63 100
 106 22.3 19.0 28.6



#59
 2-Hexanone
 Concen: 4.846 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 43 Resp: 21785
 Ion Ratio Lower Upper
 43 100
 58 51.0 26.3 78.9

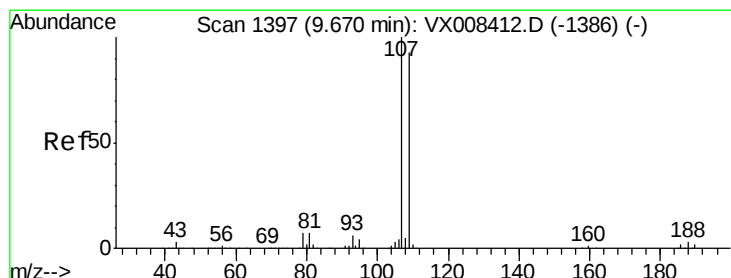
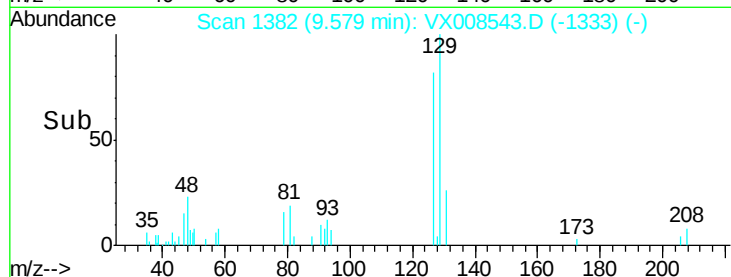
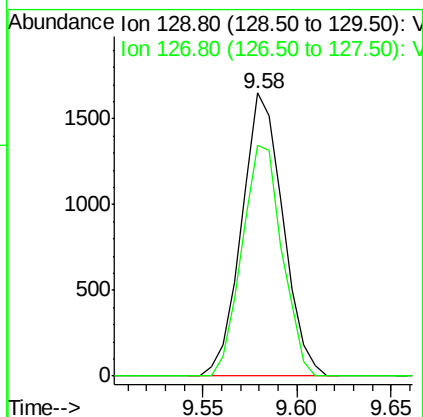
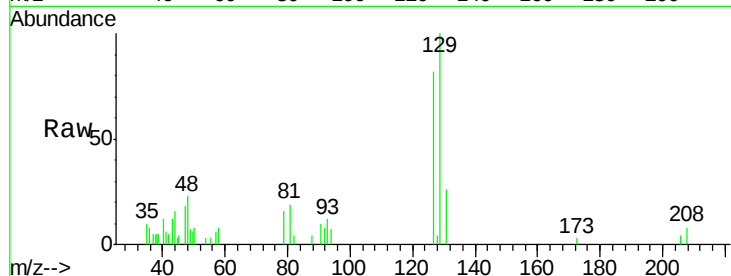




#60
 Dibromochloromethane
 Concen: 0.839 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

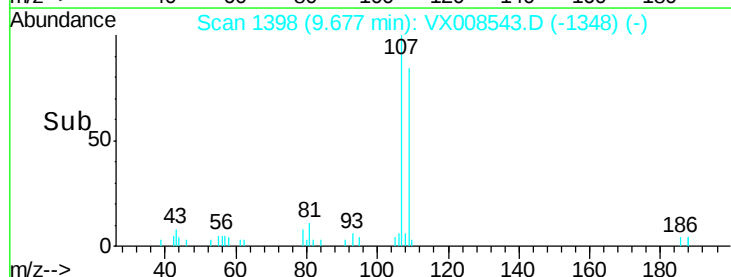
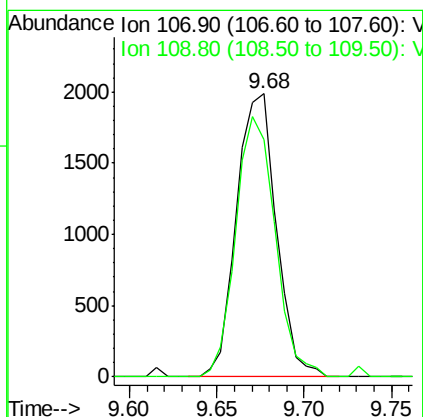
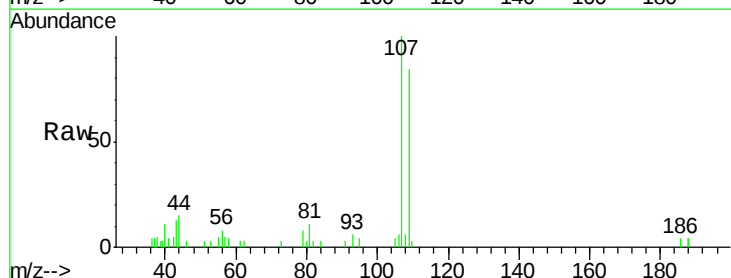
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

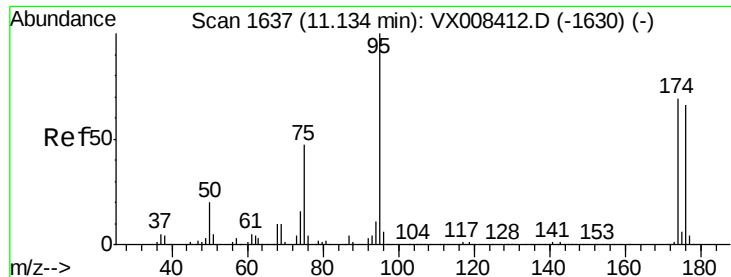
Tgt Ion:129 Resp: 2506
 Ion Ratio Lower Upper
 129 100
 127 79.0 38.1 114.3



#61
 1,2-Dibromoethane
 Concen: 0.981 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:107 Resp: 3144
 Ion Ratio Lower Upper
 107 100
 109 91.7 74.6 111.8

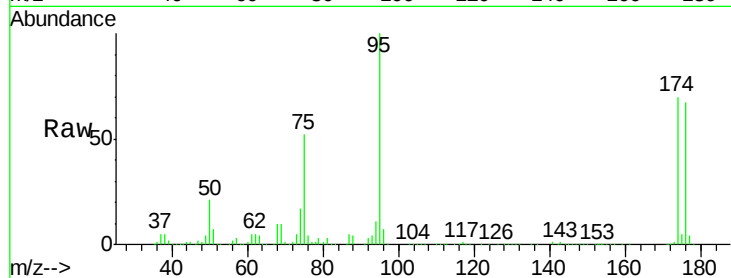




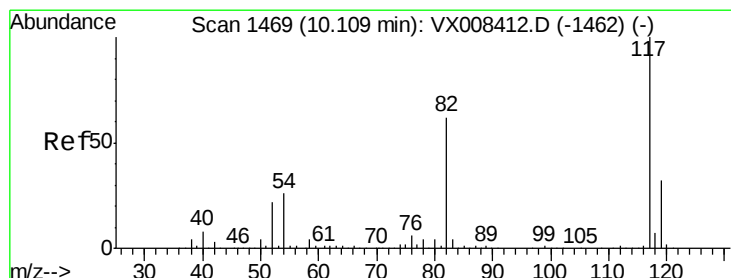
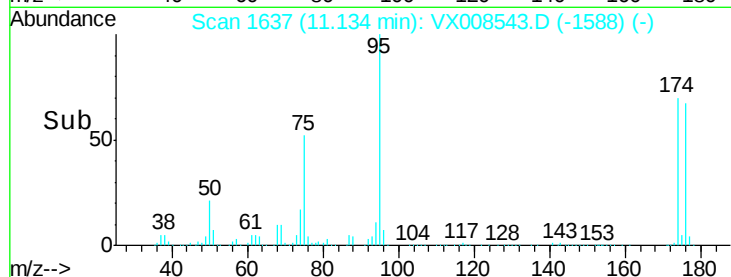
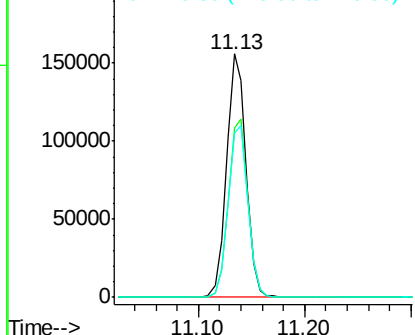
#62
4-Bromofluorobenzene
Concen: 50.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 197887
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.2
176 72.4 0.0 142.4

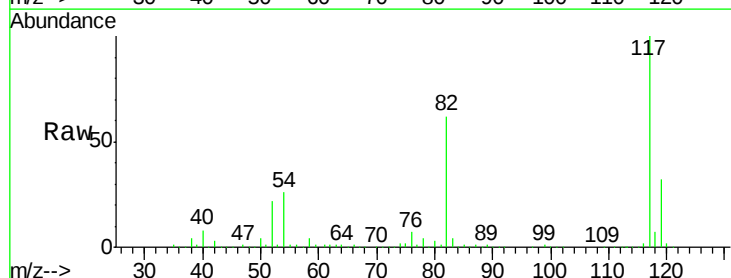


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

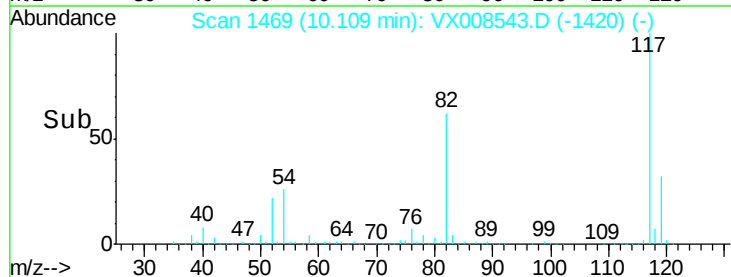
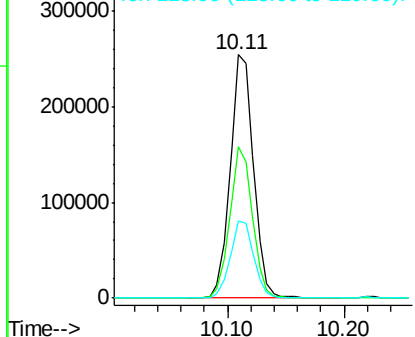


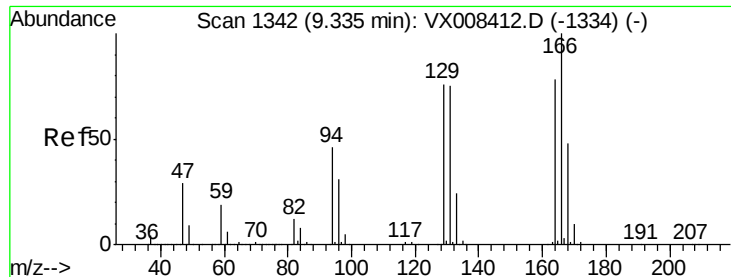
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 117 Resp: 353705
Ion Ratio Lower Upper
117 100
82 62.2 49.4 74.2
119 31.8 25.4 38.0



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: 1.062 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tgt Ion:164 Resp: 2544

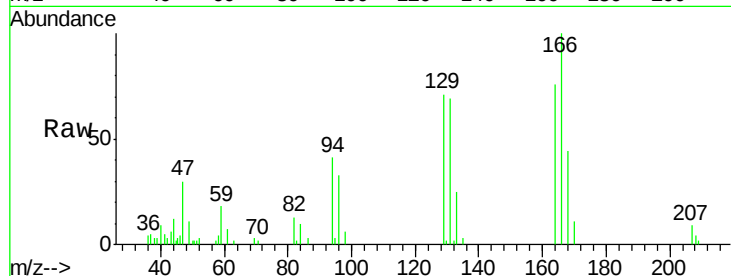
Ion Ratio Lower Upper

164 100

166 131.5 102.5 153.7

129 93.0 77.8 116.8

131 91.2 76.9 115.3

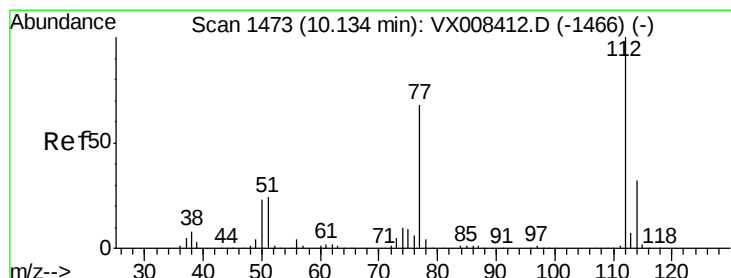
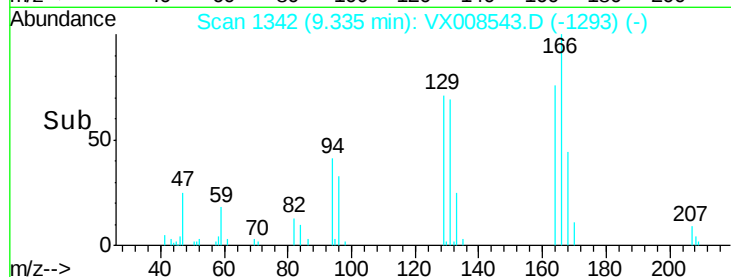
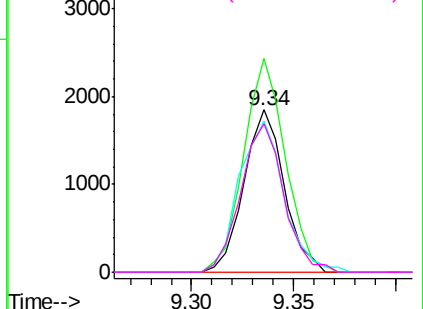


Abundance Ion 163.80 (163.50 to 164.50): V

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: 1.015 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX008543.D

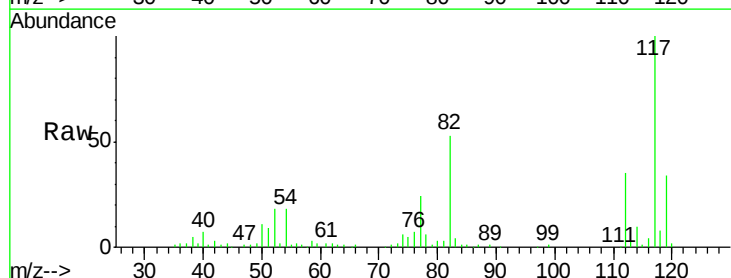
Acq: 29 Mar 2019 15:03

Tgt Ion:112 Resp: 7809

Ion Ratio Lower Upper

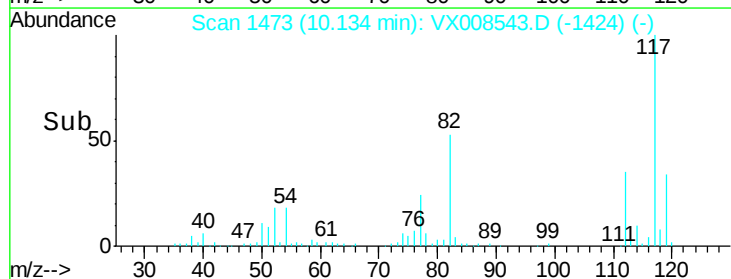
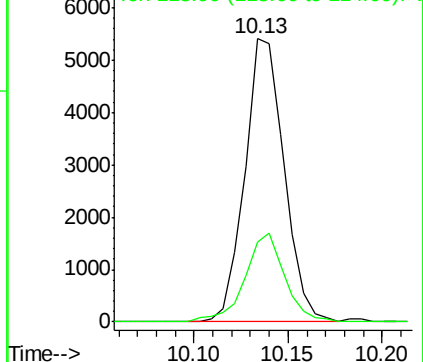
112 100

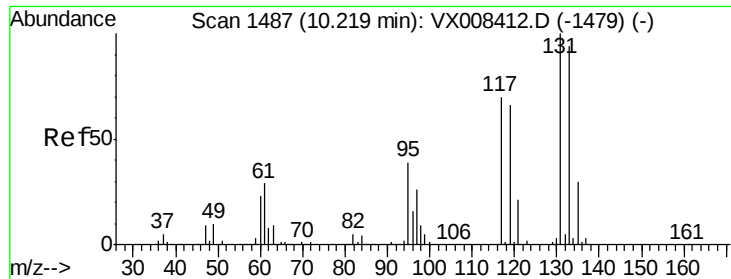
114 28.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

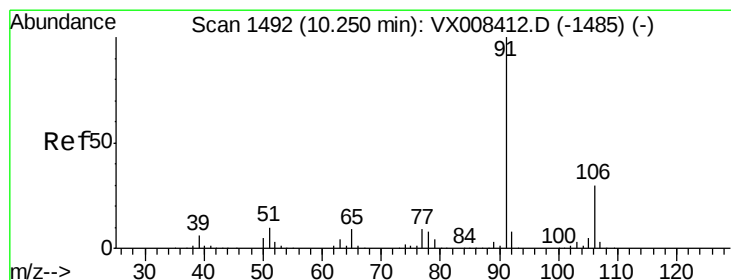
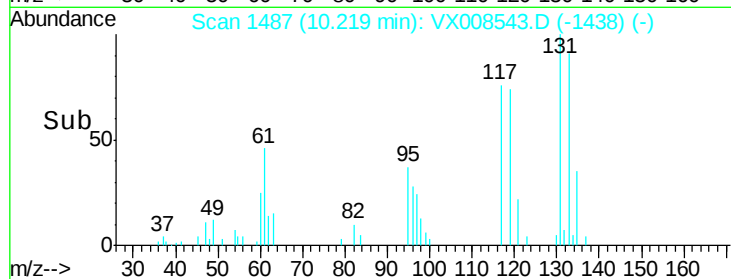
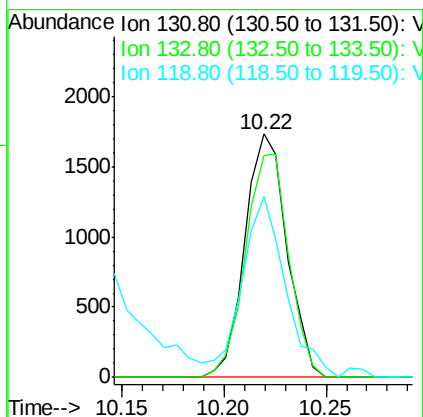
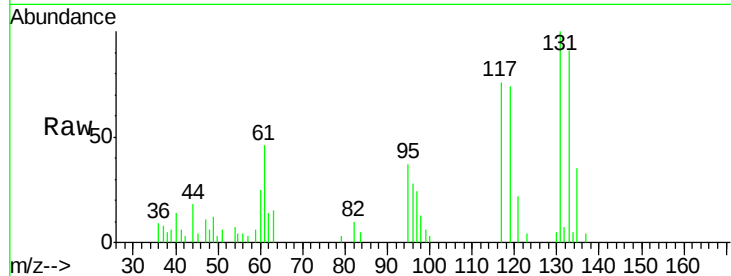




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.936 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

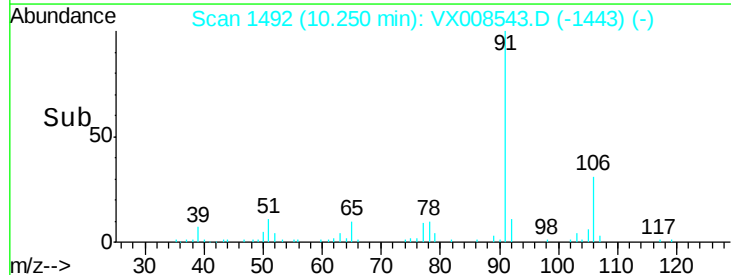
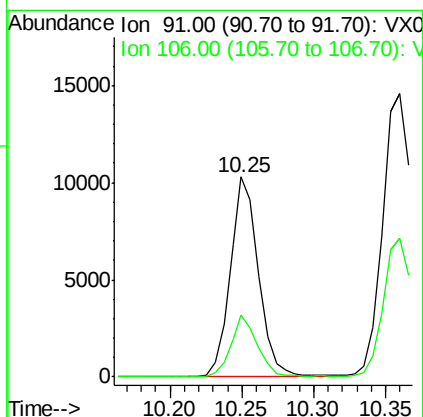
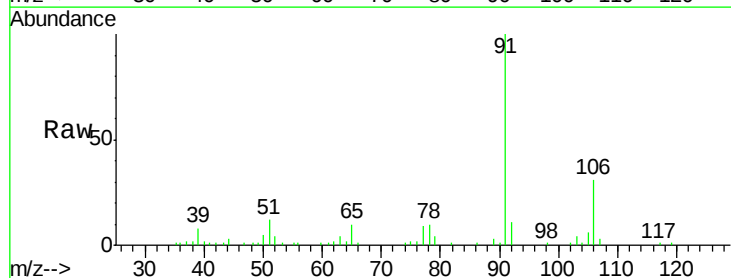
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

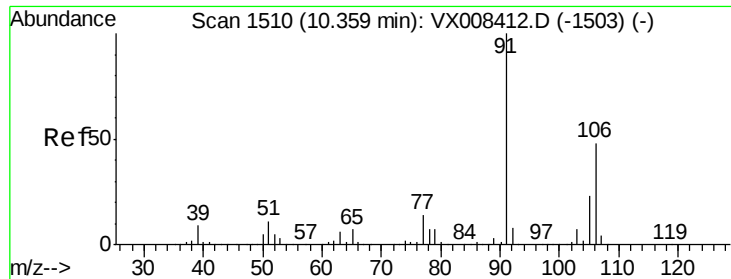
Tgt Ion: 131 Resp: 2484
 Ion Ratio Lower Upper
 131 100
 133 94.4 47.3 141.8
 119 0.0 33.6 100.6#



#67
 Ethyl Benzene
 Concen: 0.974 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 91 Resp: 14137
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.0 36.0

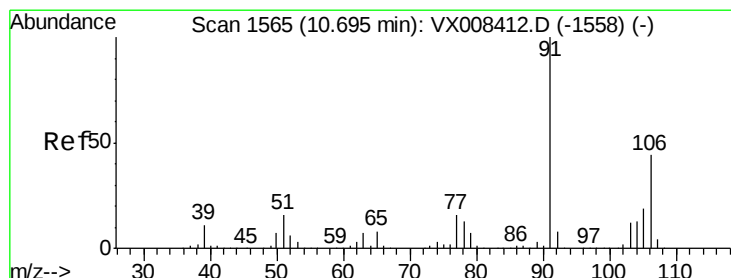
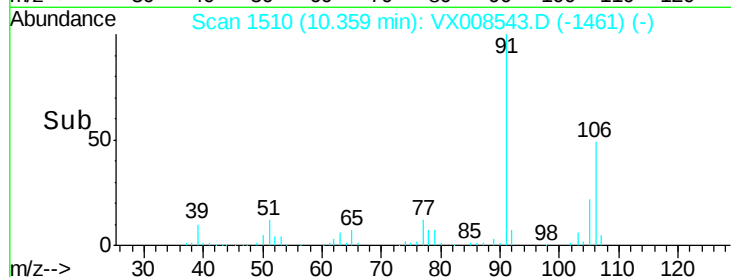
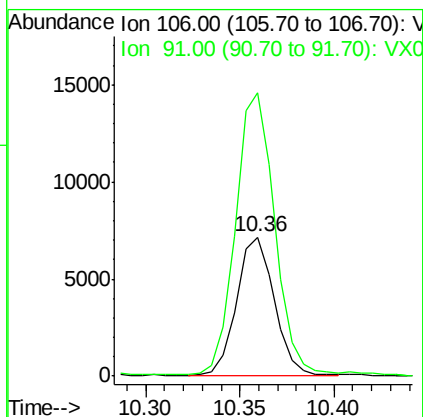
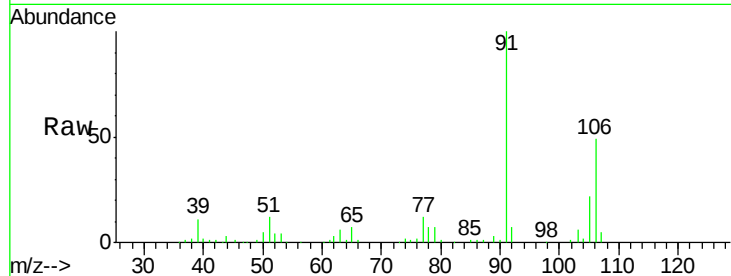




#68
m/p-Xylenes
Concen: 1.892 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

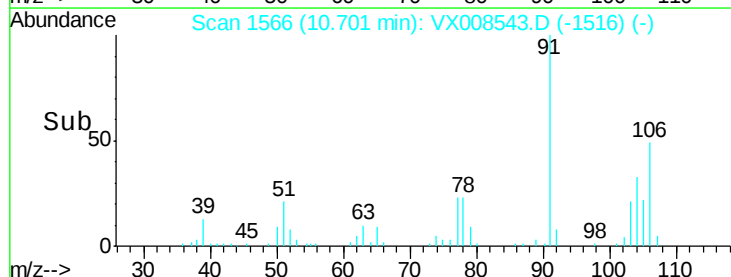
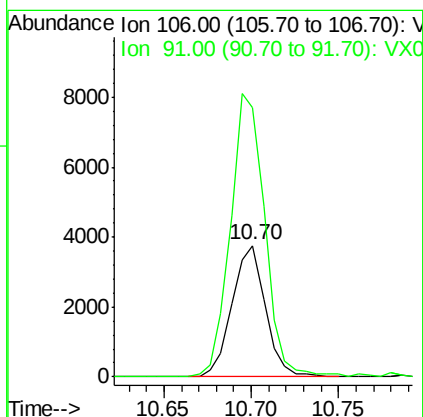
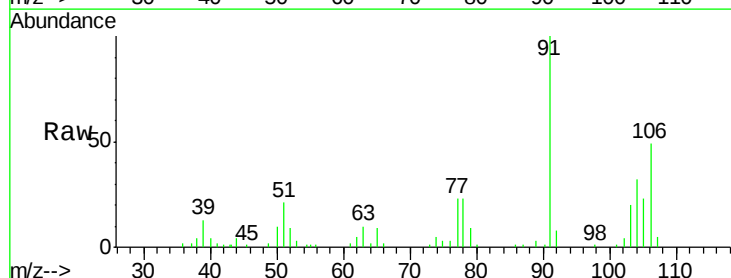
Instrument :
MSVOA_X
ClientSampled :
BFB

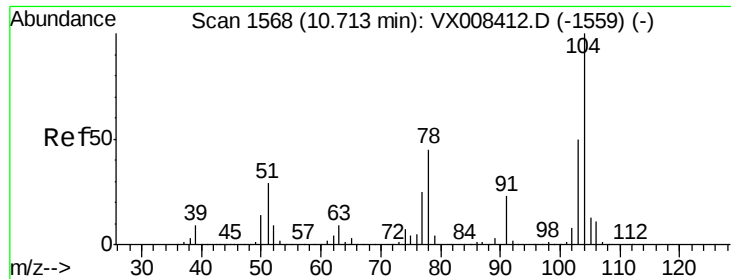
Tgt Ion:106 Resp: 9994
Ion Ratio Lower Upper
106 100
91 213.2 168.6 253.0



#69
o-Xylene
Concen: 0.971 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion:106 Resp: 4975
Ion Ratio Lower Upper
106 100
91 223.0 111.4 334.2





#70

Styrene

Concen: 0.904 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

BFB

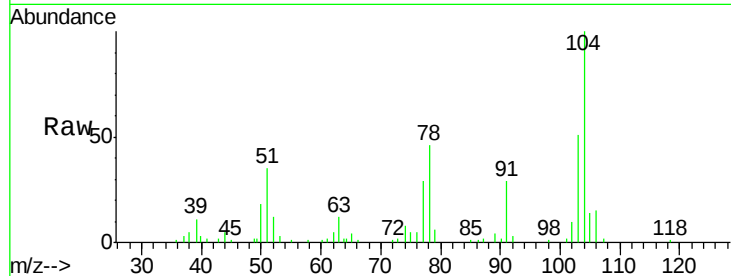
Tgt Ion:104 Resp: 8004

Ion Ratio Lower Upper

104 100

78 55.4 42.5 63.7

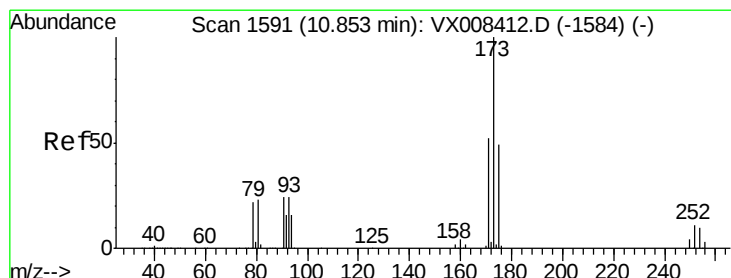
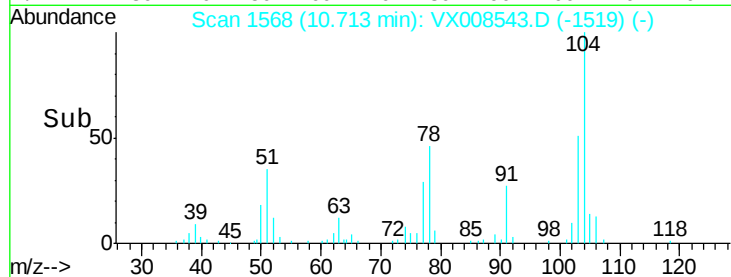
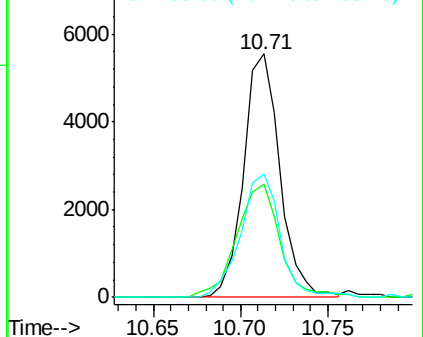
103 56.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.819 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

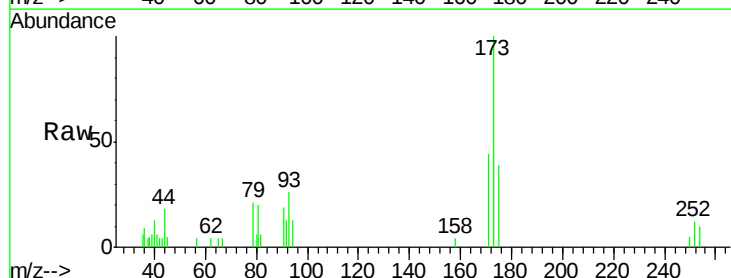
Tgt Ion:173 Resp: 1717

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

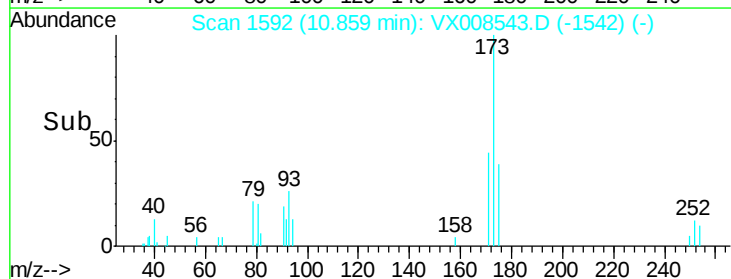
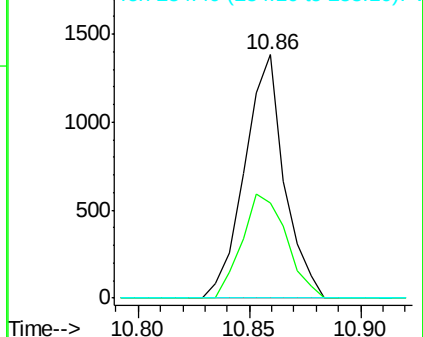
254 0.0 0.2 0.2#

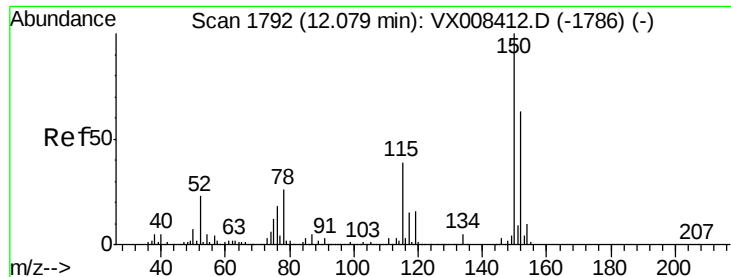


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

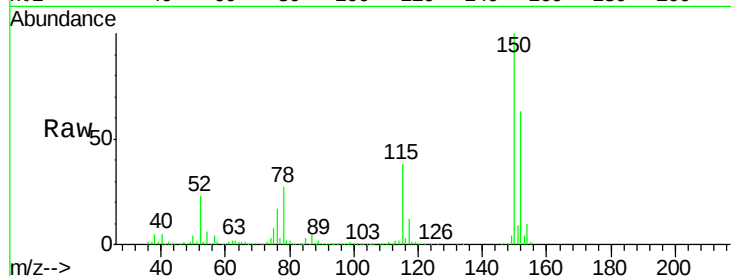
Tgt Ion:152 Resp: 156755

Ion Ratio Lower Upper

152 100

115 61.5 43.5 130.5

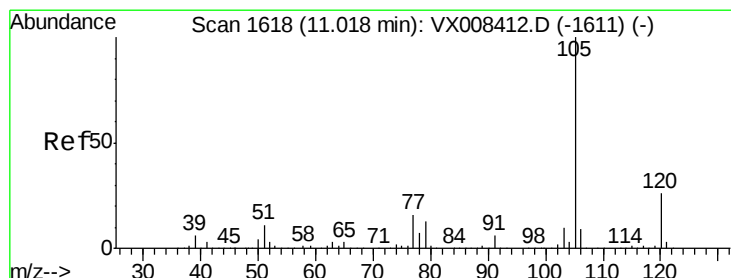
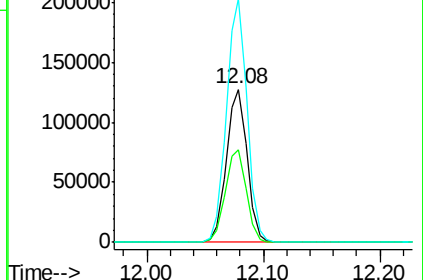
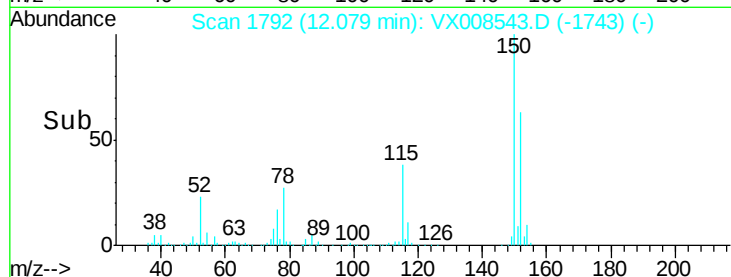
150 157.5 0.0 348.8



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: 0.999 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008543.D

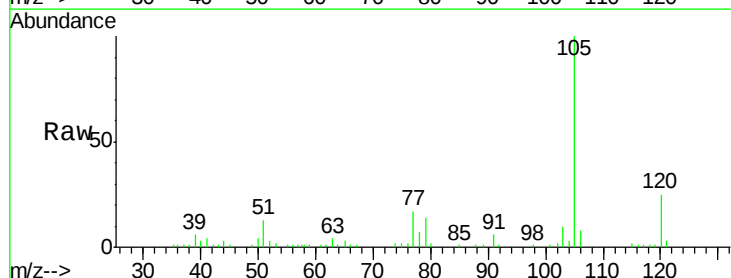
Acq: 29 Mar 2019 15:03

Tgt Ion:105 Resp: 12743

Ion Ratio Lower Upper

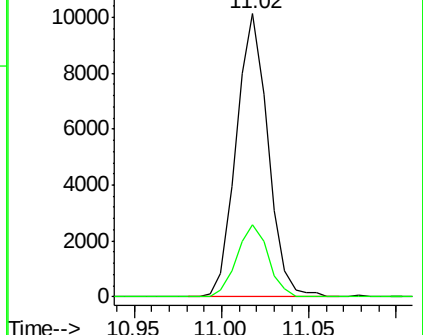
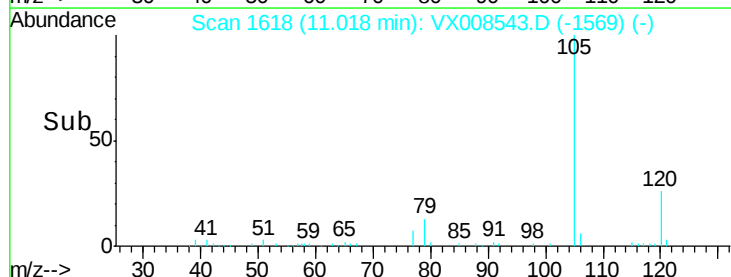
105 100

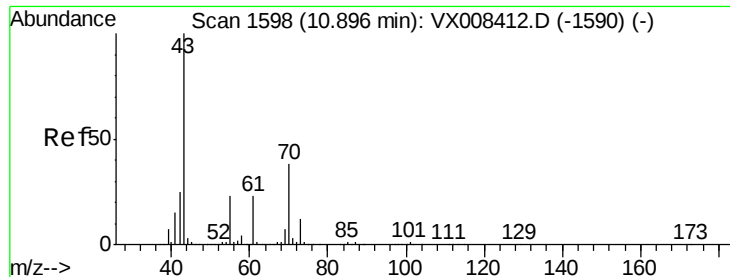
120 25.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.964 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tgt Ion: 43 Resp: 7114

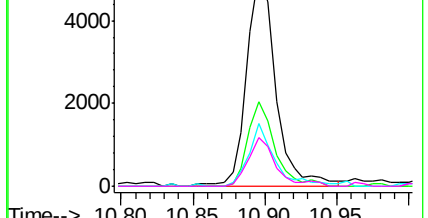
Ion	Ratio	Lower	Upper
43	100		
70	37.0	30.5	45.7
55	26.2	18.2	27.2
61	21.8	18.4	27.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

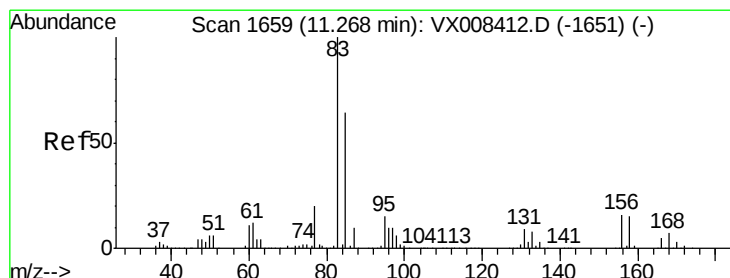
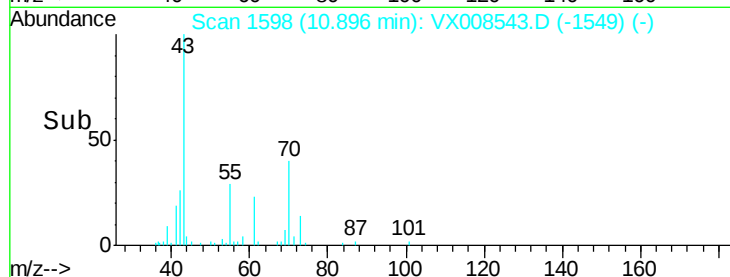
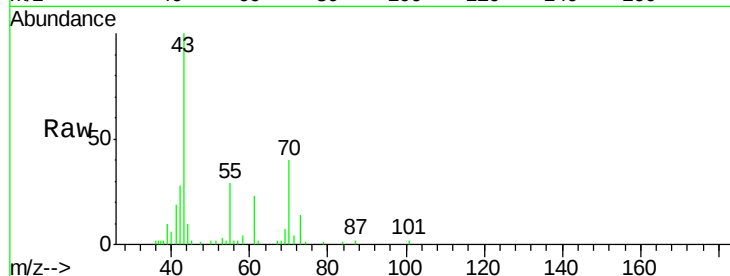
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 1.036 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

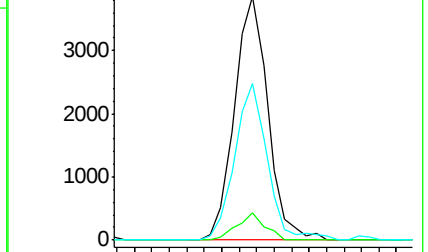
Tgt Ion: 83 Resp: 5128

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.4
85	63.0	31.9	95.9

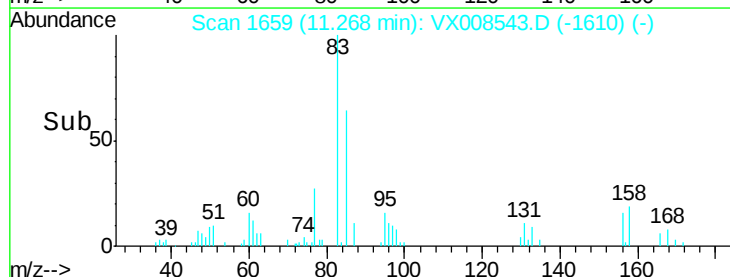
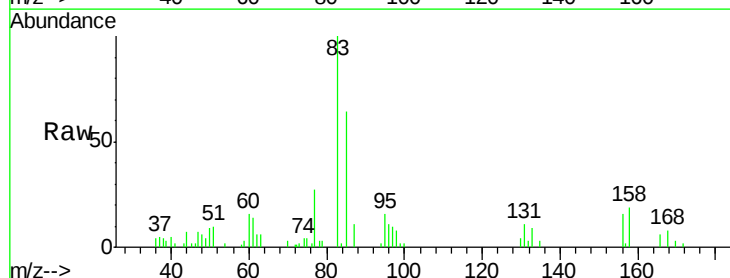
Abundance Ion 82.90 (82.60 to 83.60): VX0

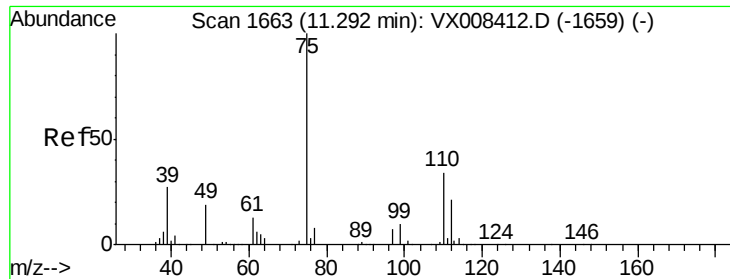
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->

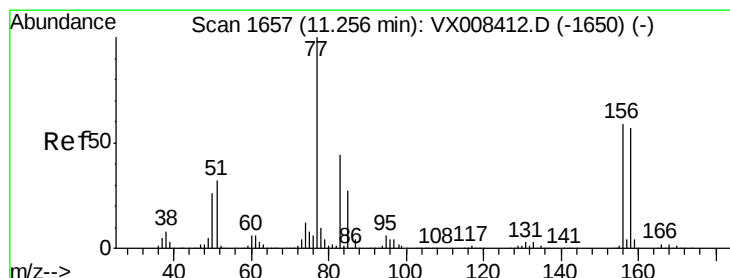
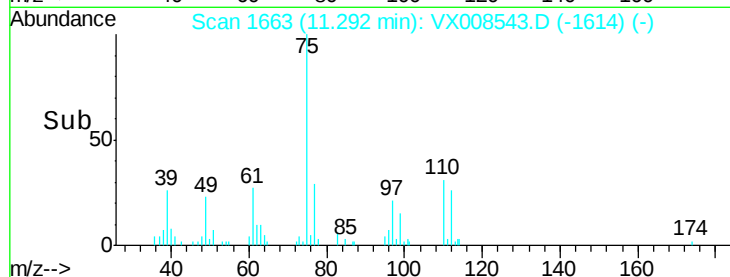
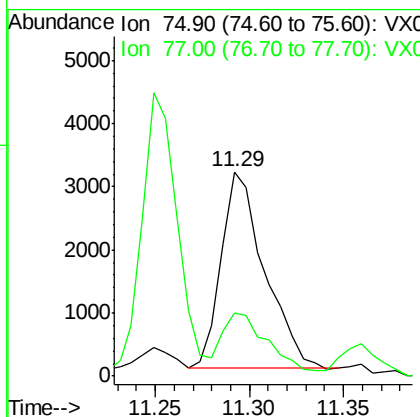
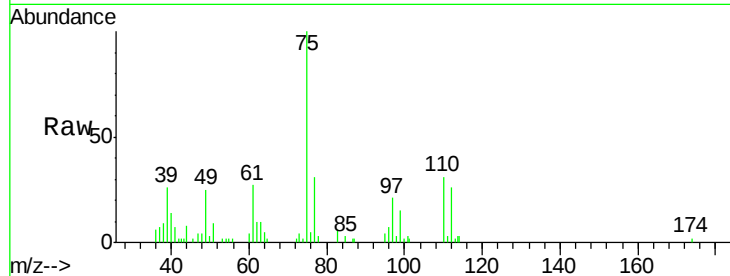




#76
 1,2,3-Trichloropropane
 Concen: 1.067 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

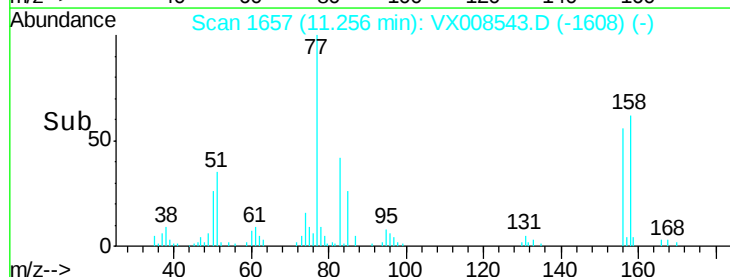
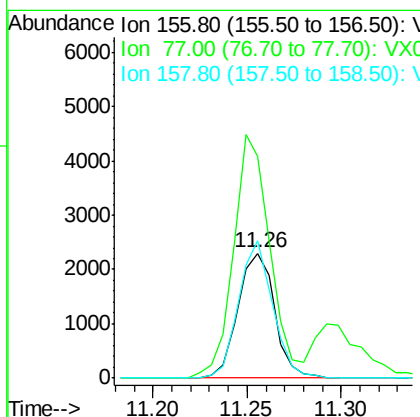
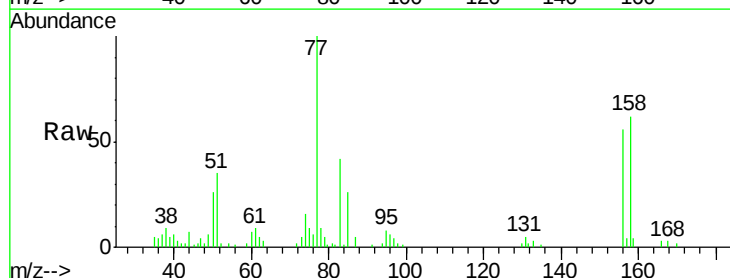
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

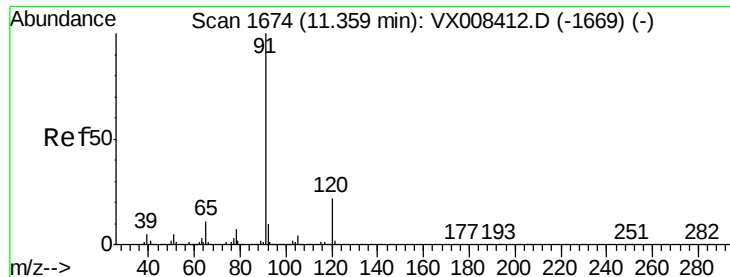
Tgt Ion: 75 Resp: 4972
 Ion Ratio Lower Upper
 75 100
 77 35.0 21.9 65.7



#77
 Bromobenzene
 Concen: 1.003 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 156 Resp: 3104
 Ion Ratio Lower Upper
 156 100
 77 193.7 91.1 273.3
 158 102.2 48.3 144.8





#78

n-propylbenzene

Concen: 0.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampled :

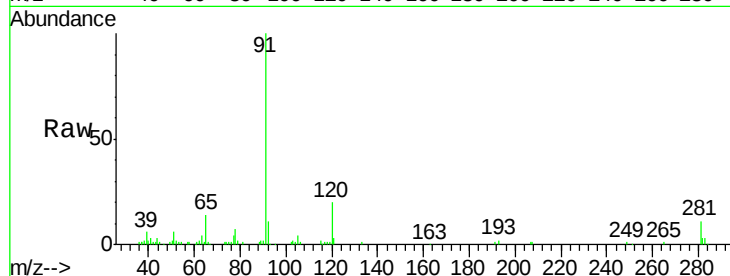
BFB

Tgt Ion: 91 Resp: 14098

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

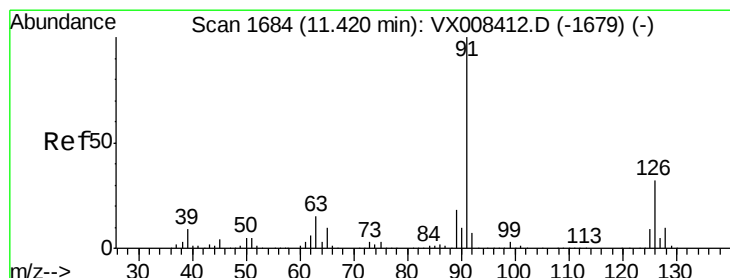
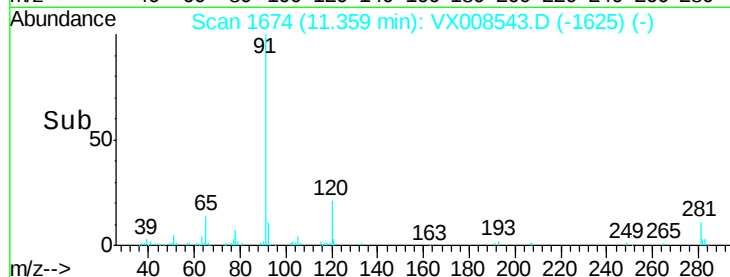
11.36

10000

5000

0

Time-->



#79

2-Chlorotoluene

Concen: 1.015 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008543.D

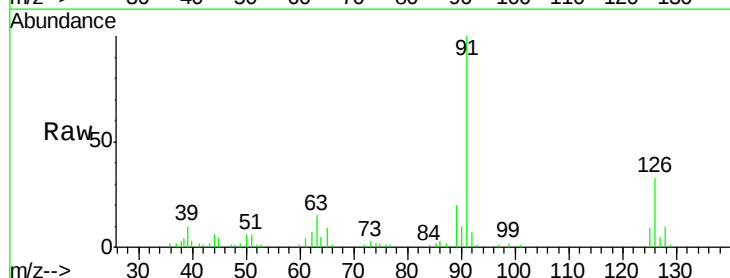
Acq: 29 Mar 2019 15:03

Tgt Ion: 91 Resp: 9227

Ion Ratio Lower Upper

91 100

126 32.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

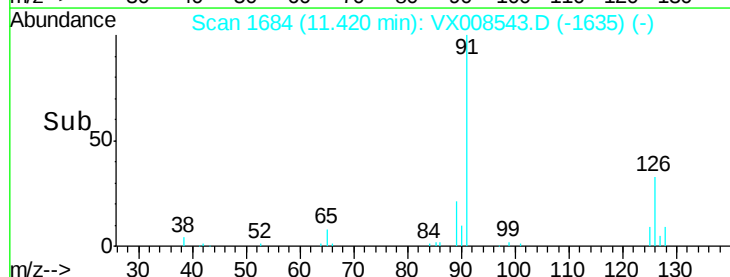
11.42

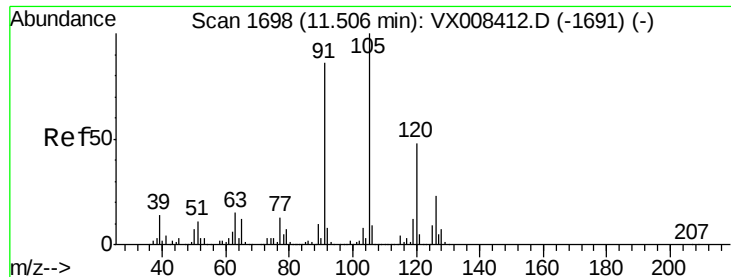
10000

5000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.999 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

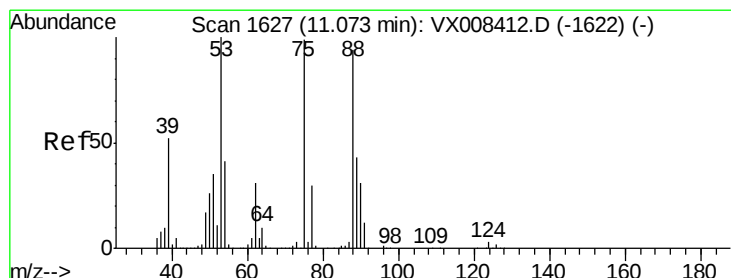
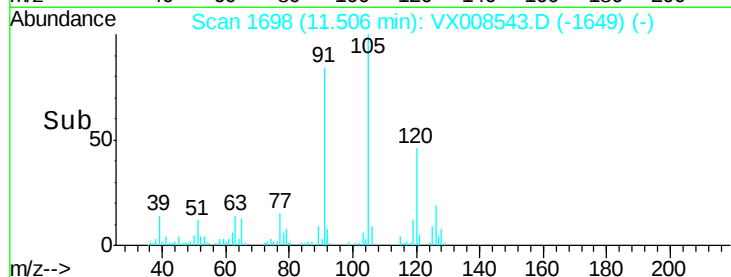
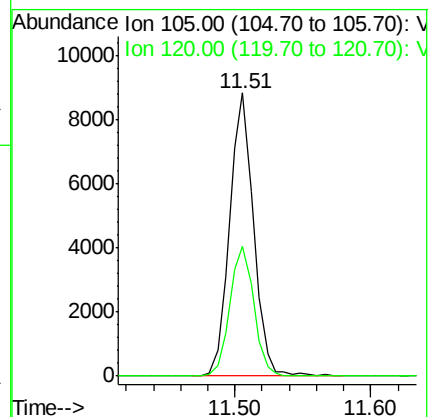
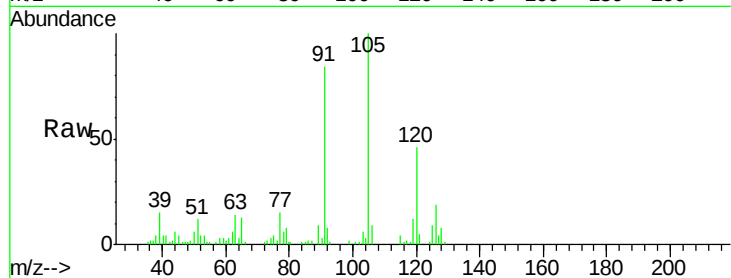
BFB

Tgt Ion:105 Resp: 10773

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.333 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

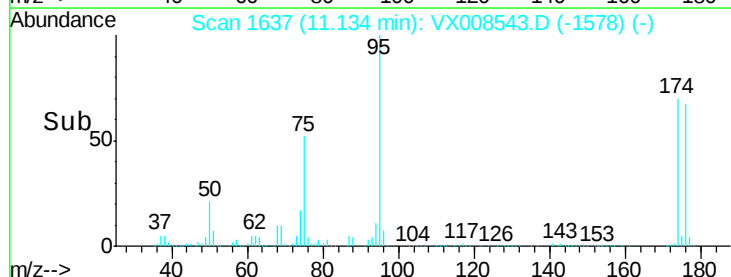
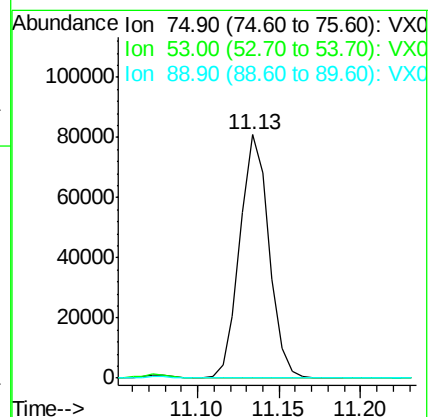
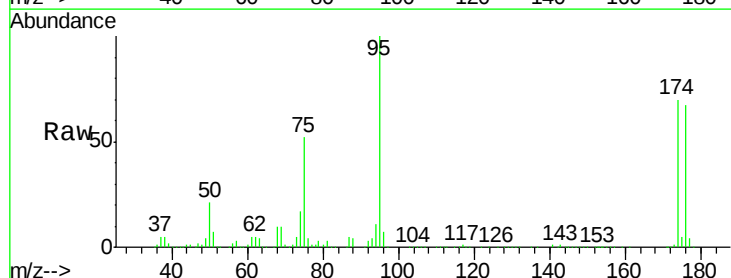
Tgt Ion: 75 Resp: 100880

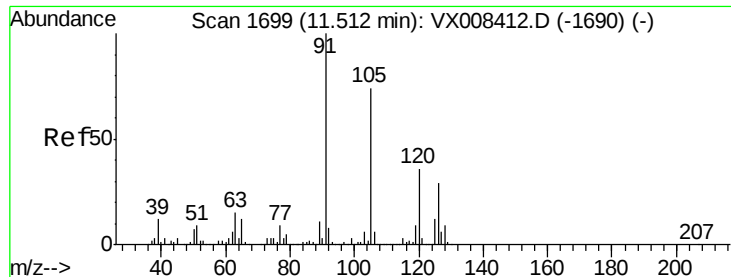
Ion Ratio Lower Upper

75 100

53 0.0 82.1 123.1#

89 0.0 34.6 52.0#

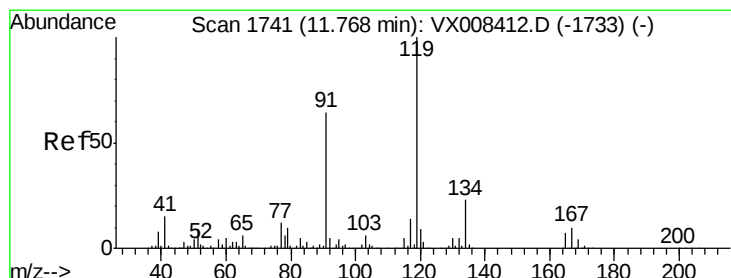
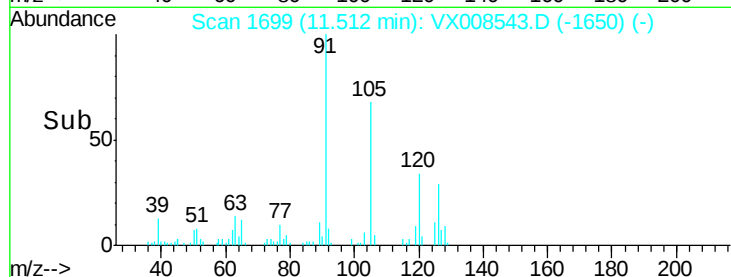
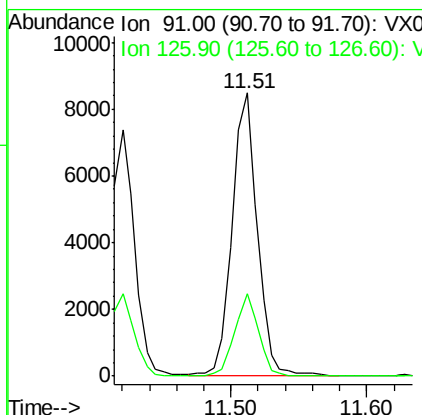
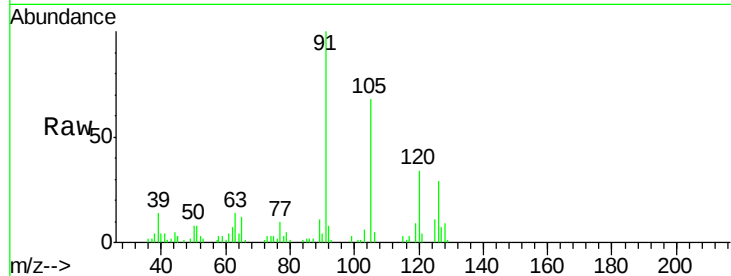




#82
4-Chlorotoluene
Concen: 1.048 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

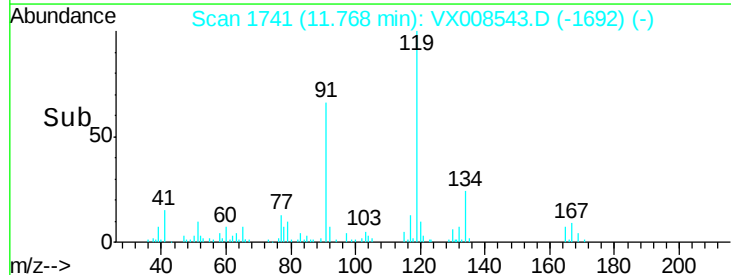
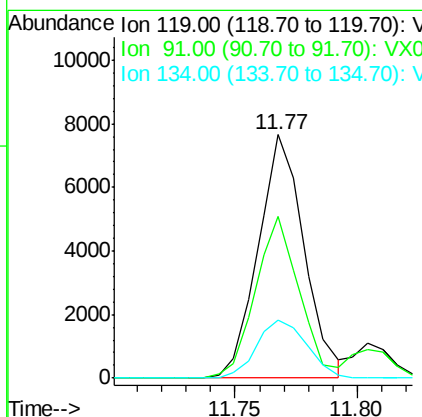
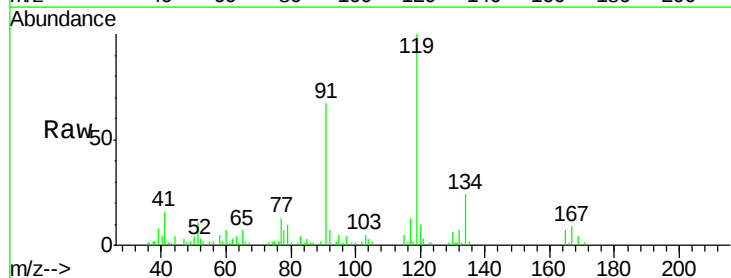
Instrument :
MSVOA_X
ClientSampleId :
BFB

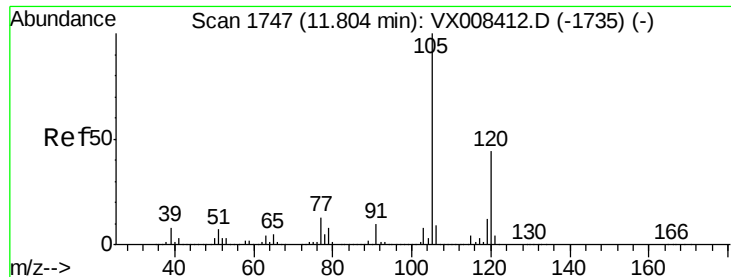
Tgt Ion: 91 Resp: 10988
Ion Ratio Lower Upper
91 100
126 27.3 13.9 41.7



#83
tert-Butylbenzene
Concen: 0.960 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008543.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 119 Resp: 9984
Ion Ratio Lower Upper
119 100
91 63.5 30.1 90.3
134 25.8 10.9 32.9

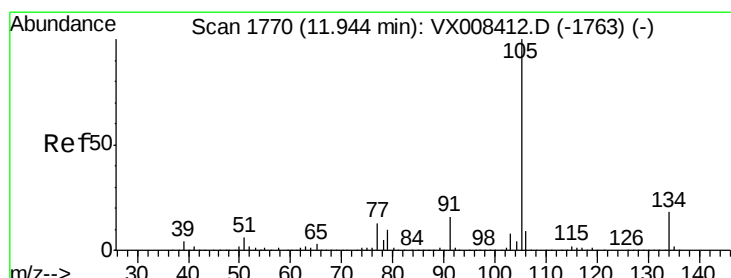
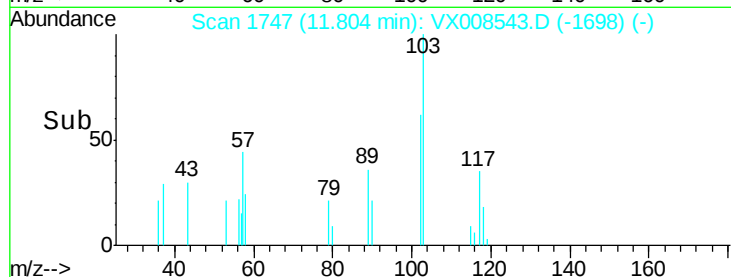
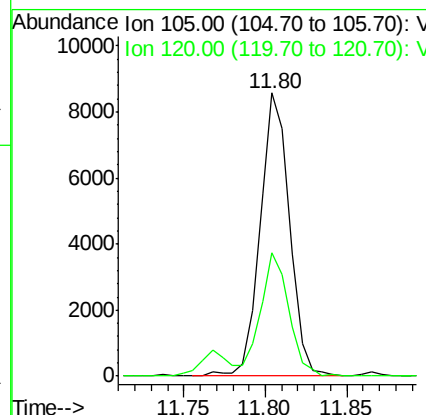
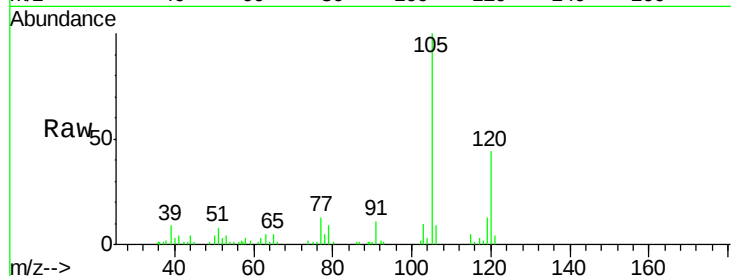




#84
 1,2,4-Trimethylbenzene
 Concen: 0.984 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

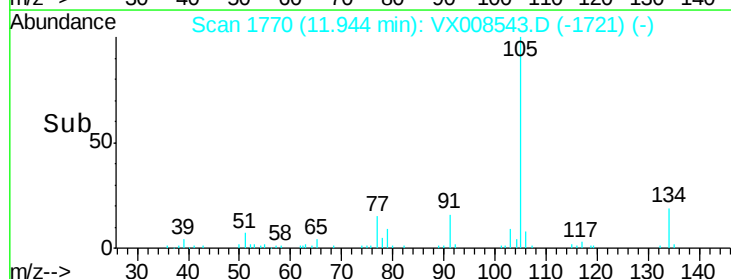
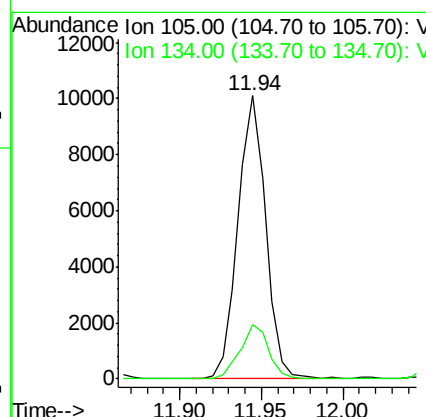
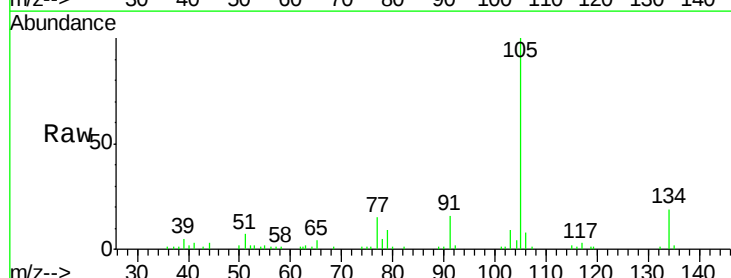
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

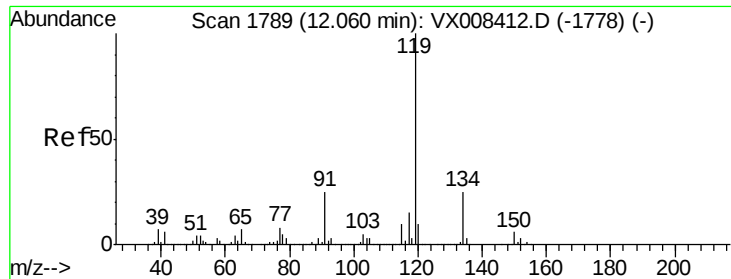
Tgt Ion:105 Resp: 10735
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.6 65.0



#85
 sec-Butylbenzene
 Concen: 0.968 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:105 Resp: 11993
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.3 28.0

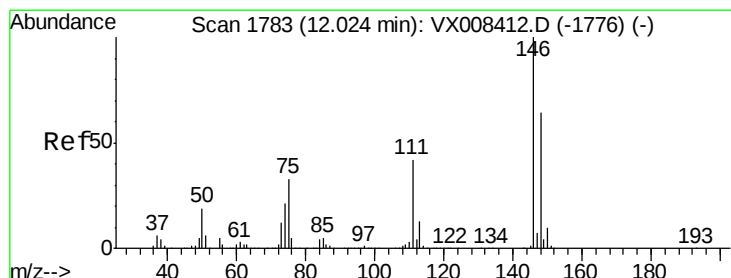
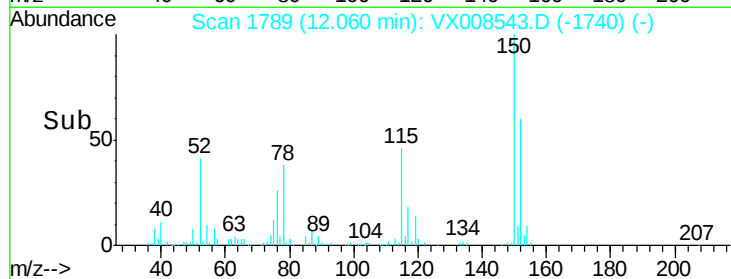
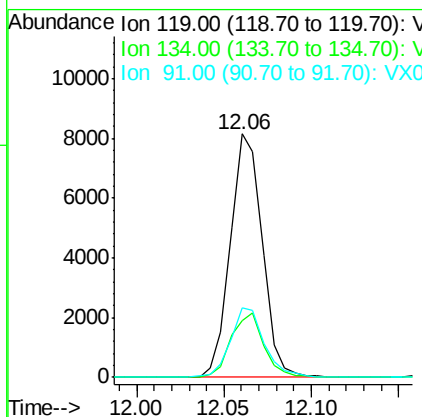
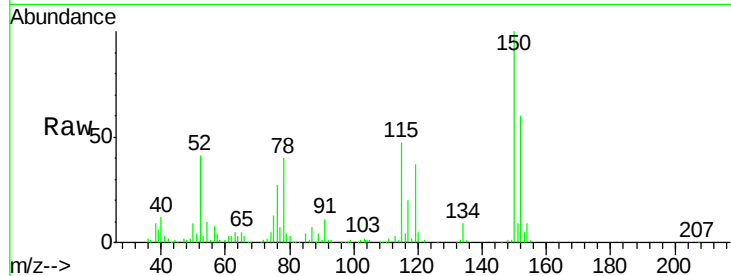




#86
 p-Isopropyltoluene
 Concen: 0.947 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

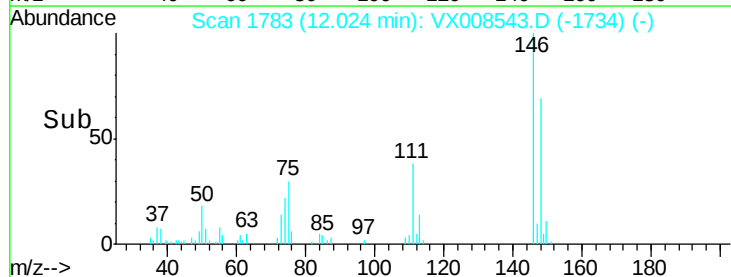
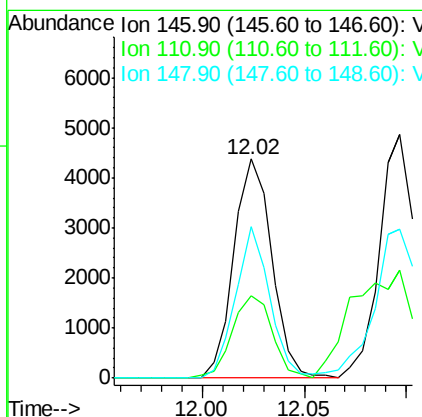
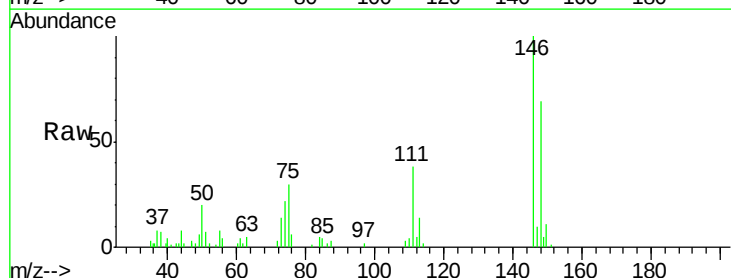
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

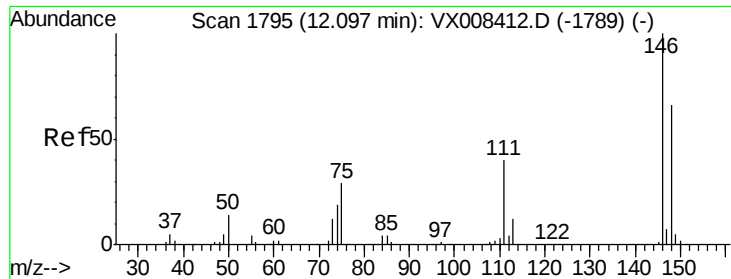
Tgt Ion:119 Resp: 10350
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.4
 91 30.4 12.4 37.0



#87
 1,3-Dichlorobenzene
 Concen: 1.026 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:146 Resp: 5674
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.8 62.5
 148 62.1 32.0 96.0

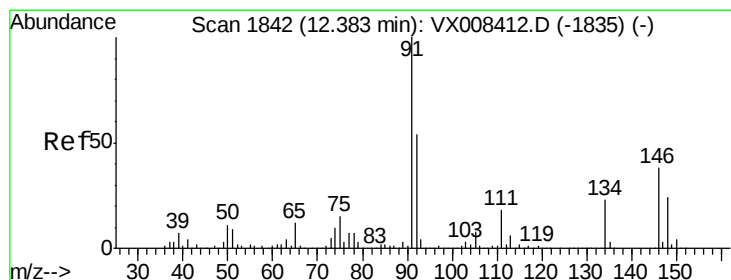
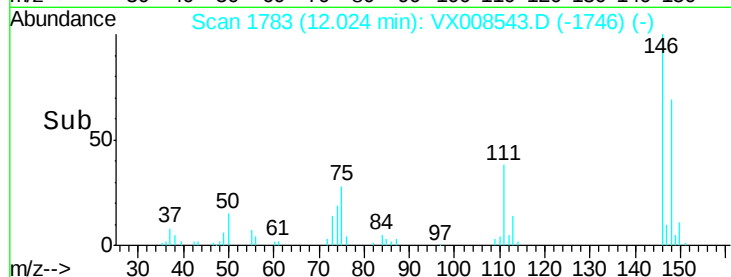
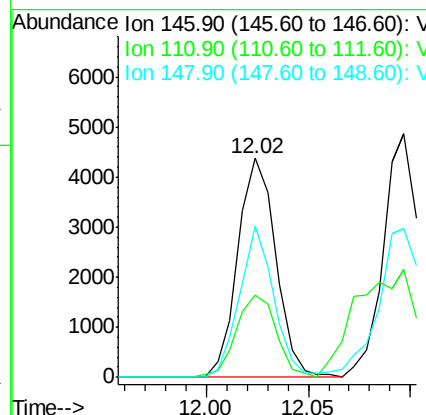
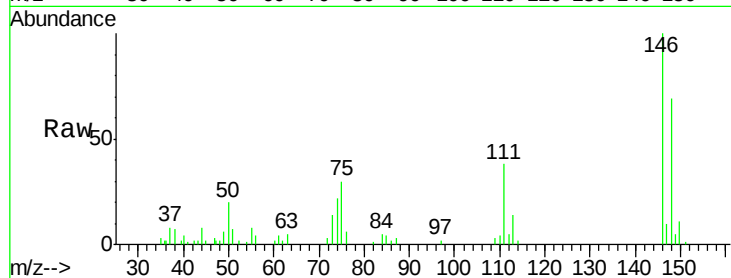




#88
 1,4-Dichlorobenzene
 Concen: 1.017 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

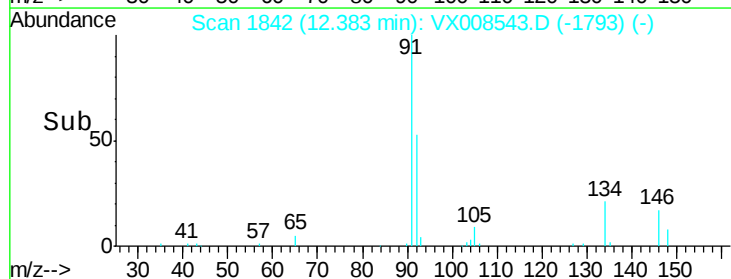
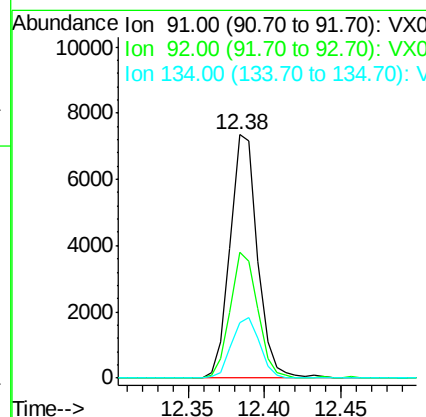
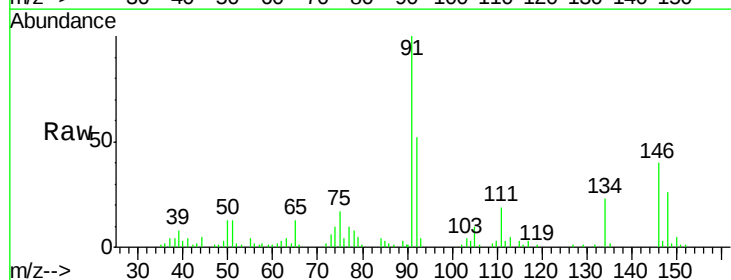
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

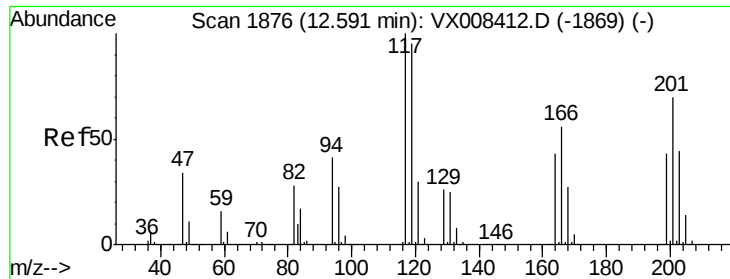
Tgt Ion: 146 Resp: 5674
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.3 61.0
 148 62.1 32.1 96.5



#89
 n-Butylbenzene
 Concen: 0.887 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 91 Resp: 9180
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.5 79.5
 134 25.3 11.8 35.4





#90

Hexachloroethane

Concen: 0.917 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

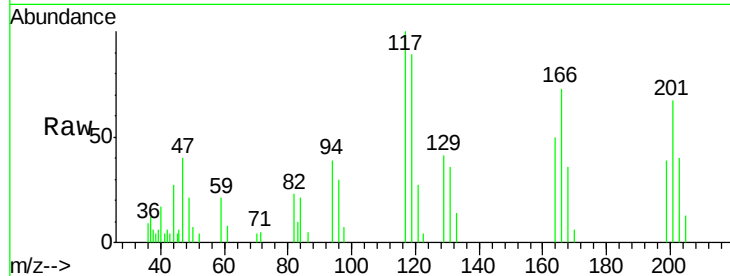
BFB

Tgt Ion:117 Resp: 1670

Ion Ratio Lower Upper

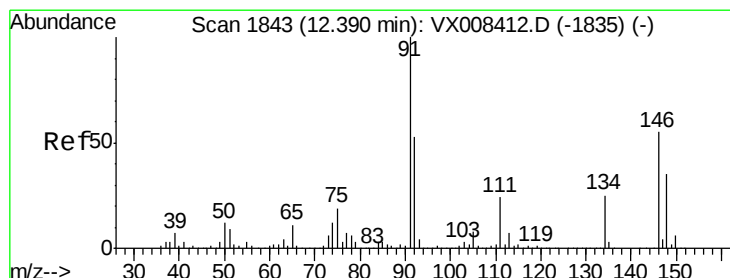
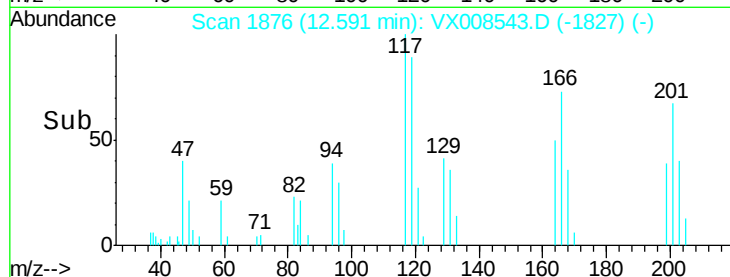
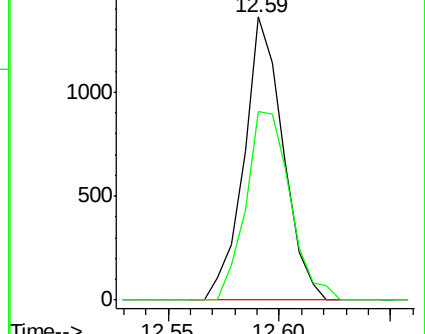
117 100

201 75.3 39.4 118.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.023 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

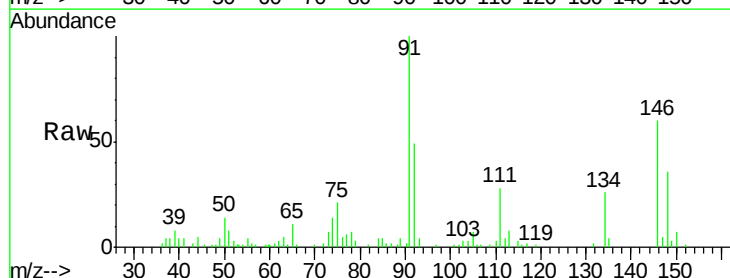
Tgt Ion:146 Resp: 5665

Ion Ratio Lower Upper

146 100

111 44.8 21.6 64.6

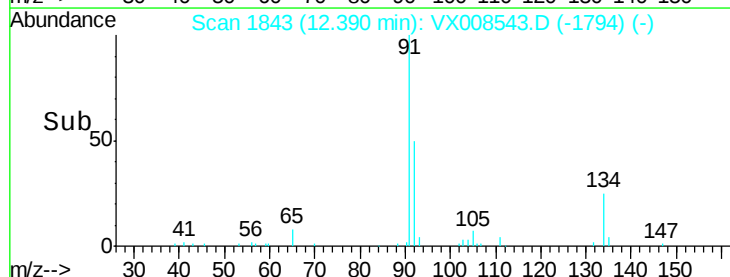
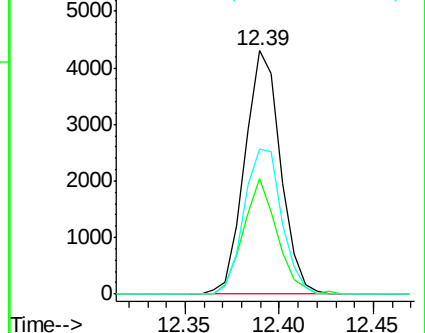
148 62.8 31.9 95.7

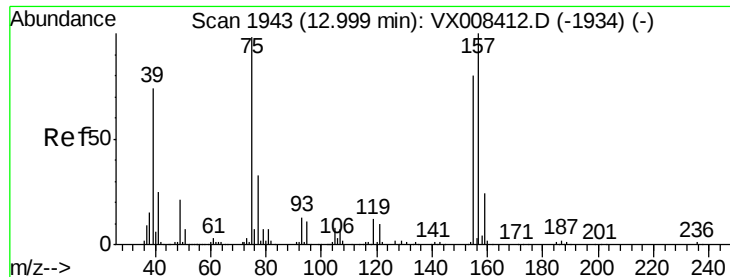


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

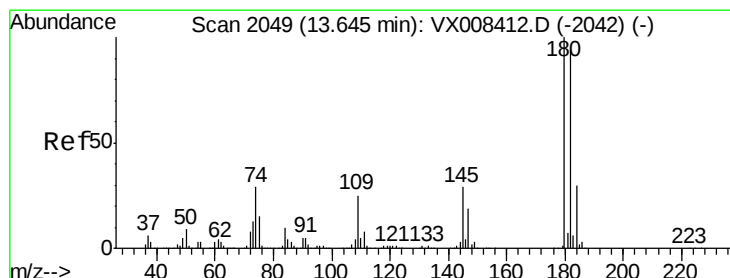
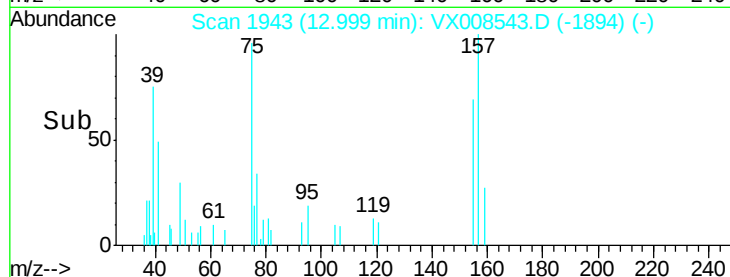
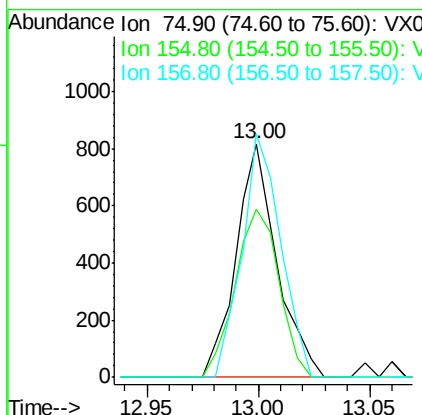
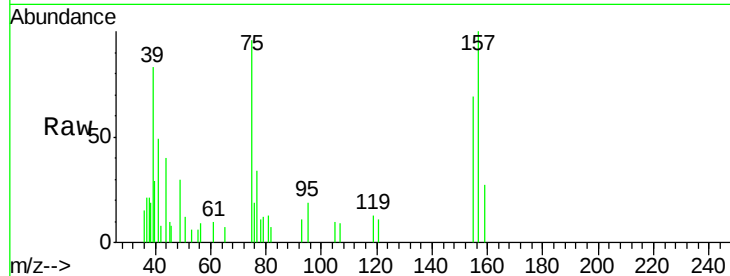




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.964 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

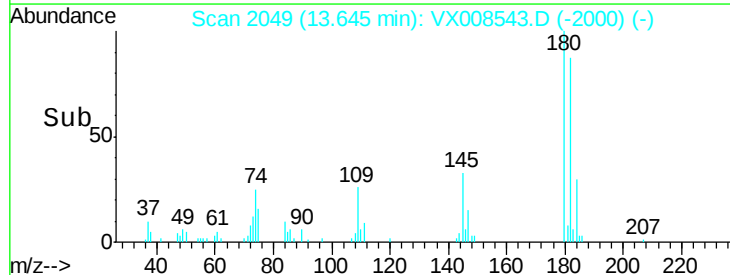
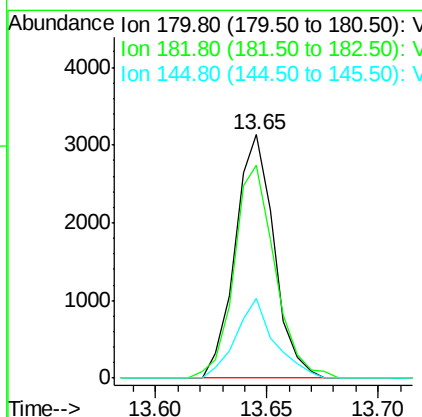
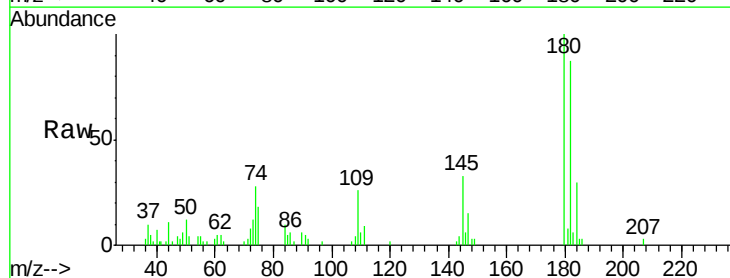
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

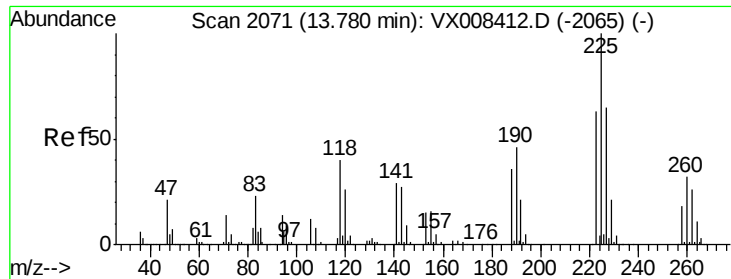
Tgt Ion: 75 Resp: 1040
 Ion Ratio Lower Upper
 75 100
 155 77.1 39.5 118.5
 157 99.1 49.9 149.7



#93
 1,2,4-Trichlorobenzene
 Concen: 1.020 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 180 Resp: 3802
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.3 142.0
 145 32.5 15.3 45.8





#94

Hexachlorobutadiene

Concen: 0.968 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

BFB

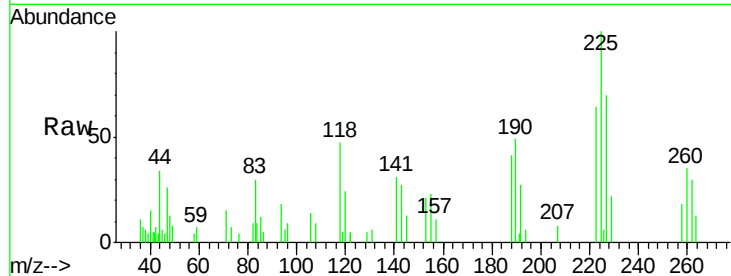
Tgt Ion:225 Resp: 1713

Ion Ratio Lower Upper

225 100

223 65.8 31.4 94.0

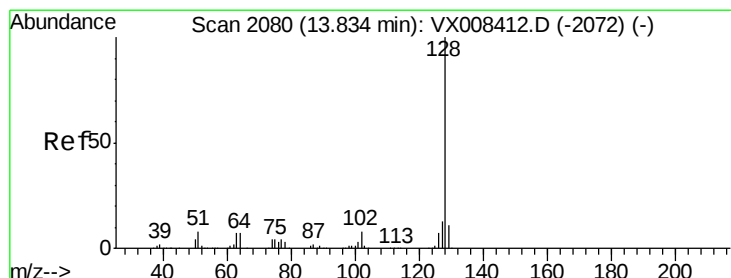
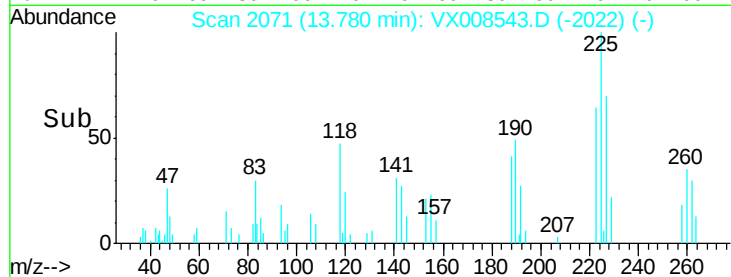
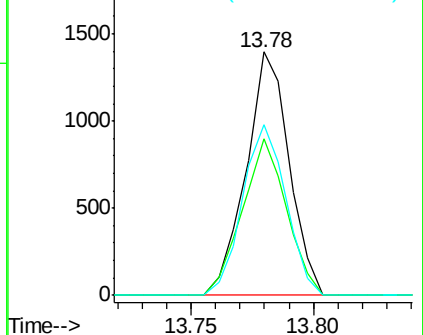
227 70.3 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.015 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008543.D

Acq: 29 Mar 2019 15:03

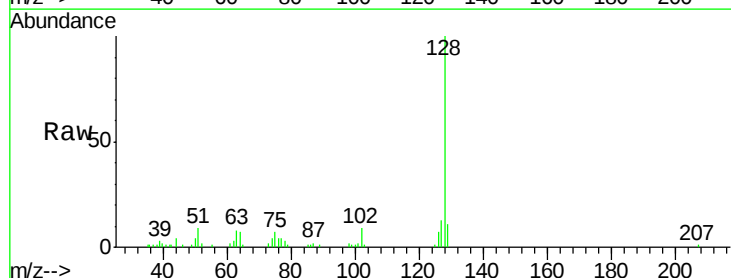
Tgt Ion:128 Resp: 12978

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

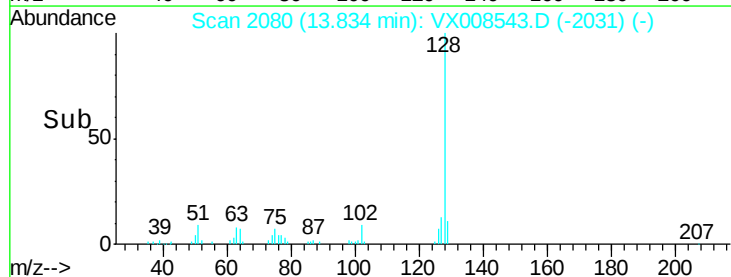
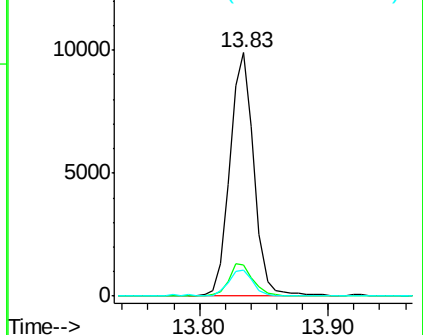
129 10.6 8.7 13.1

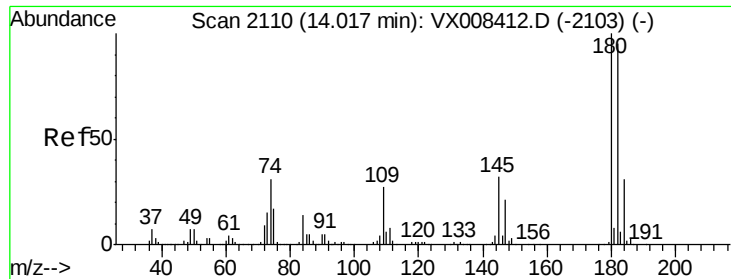


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.972 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008543.D
 Acq: 29 Mar 2019 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:	180	Resp:	3643
Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.3	142.0
145	34.6	16.2	48.5

