

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
 Data File : VX008061.D
 Acq On : 14 Mar 2019 09:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 14 14:47:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	458529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	649772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	5210	1.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.34%	
35) Dibromofluoromethane	5.51	113	3908	0.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.98%	
50) Toluene-d8	8.71	98	14328	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	
62) 4-Bromofluorobenzene	11.13	95	4877	0.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3544	0.960	ug/l	98
3) Chloromethane	1.33	50	4949	1.236	ug/l	95
4) Vinyl Chloride	1.41	62	4408	1.153	ug/l	94
5) Bromomethane	1.65	94	3357	1.729	ug/l	89
6) Chloroethane	1.73	64	4444	1.980	ug/l	97
7) Trichlorofluoromethane	1.93	101	5514	1.217	ug/l	100
8) Diethyl Ether	2.19	74	2413	0.989	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3705	1.030	ug/l	98
10) Methyl Iodide	2.51	142	4408	0.775	ug/l	97
11) Tert butyl alcohol	3.06	59	4560	5.119	ug/l #	93
12) 1,1-Dichloroethene	2.38	96	3533	1.021	ug/l	92
13) Acrolein	2.29	56	2547	3.094	ug/l	86
14) Allyl chloride	2.73	41	6034	0.951	ug/l	92
15) Acrylonitrile	3.15	53	11073	5.116	ug/l	98
16) Acetone	2.45	43	11733	5.587	ug/l	97
17) Carbon Disulfide	2.57	76	9226	0.894	ug/l	98
18) Methyl Acetate	2.78	43	4674	0.983	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	11722	1.011	ug/l	98
20) Methylene Chloride	2.85	84	4307	1.134	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	3960	1.072	ug/l	90
22) Diisopropyl ether	3.87	45	12211	0.961	ug/l	93
23) Vinyl Acetate	3.82	43	49815	4.487	ug/l	98
24) 1,1-Dichloroethane	3.70	63	6911	0.990	ug/l	97
25) 2-Butanone	4.70	43	16866	5.048	ug/l	95
26) 2,2-Dichloropropane	4.58	77	4984	0.955	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	4538	1.047	ug/l	95
28) Bromochloromethane	5.01	49	2725	0.811	ug/l #	92
29) Tetrahydrofuran	5.15	42	10291	4.852	ug/l	99
30) Chloroform	5.21	83	6955	1.019	ug/l	92
31) Cyclohexane	5.58	56	6068	0.915	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	5427	0.909	ug/l #	49
36) 1,1-Dichloropropene	5.80	75	5265	1.015	ug/l	99
37) Ethyl Acetate	4.85	43	5314	0.926	ug/l	97
38) Carbon Tetrachloride	5.78	117	4646	0.906	ug/l #	91

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6510	0.964	ug/l	94
40) Benzene	6.14	78	15984	1.004	ug/l	95
41) Methacrylonitrile	5.05	41	3361	1.027	ug/l	99
42) 1,2-Dichloroethane	6.19	62	5146	1.011	ug/l	96
43) Isopropyl Acetate	6.45	43	8958	0.970	ug/l	96
44) Trichloroethene	7.21	130	4883	1.077	ug/l	77
45) 1,2-Dichloropropane	7.51	63	4189	0.987	ug/l	100
46) Dibromomethane	7.66	93	2485	0.924	ug/l	89
47) Bromodichloromethane	7.90	83	4722	0.926	ug/l	98
48) Methyl methacrylate	7.77	41	4187	0.848	ug/l	94
49) 1,4-Dioxane	7.75	88	2091	20.407	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	29699	4.905	ug/l	98
52) Toluene	8.78	92	10278	1.007	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	4801	0.827	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	5256	0.813	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4185	1.017	ug/l	93
56) Ethyl methacrylate	9.18	69	5544	0.877	ug/l #	93
57) 1,3-Dichloropropane	9.37	76	7169	1.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	19477	5.280	ug/l	99
59) 2-Hexanone	9.49	43	22959	4.929	ug/l	97
60) Dibromochloromethane	9.58	129	4012	0.908	ug/l	95
61) 1,2-Dibromoethane	9.67	107	4169	0.936	ug/l	96
64) Tetrachloroethene	9.34	164	5086	1.085	ug/l	97
65) Chlorobenzene	10.14	112	12048	1.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	3770	0.883	ug/l #	62
67) Ethyl Benzene	10.25	91	18359	0.939	ug/l	98
68) m/p-Xylenes	10.36	106	13531	1.796	ug/l	98
69) o-Xylene	10.69	106	6814	0.931	ug/l	96
70) Styrene	10.71	104	10350	0.854	ug/l	97
71) Bromoform	10.85	173	2822	0.784	ug/l #	95
73) Isopropylbenzene	11.02	105	17519	0.948	ug/l	98
74) N-amyl acetate	10.90	43	7132	0.922	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	6273	1.089	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	7022	1.442	ug/l	96
77) Bromobenzene	11.26	156	5044	1.021	ug/l	97
78) n-propylbenzene	11.36	91	18136	0.878	ug/l	99
79) 2-Chlorotoluene	11.42	91	12305	1.008	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	13766	0.897	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1470	0.801	ug/l #	82
82) 4-Chlorotoluene	11.51	91	13806	0.992	ug/l	99
83) tert-Butylbenzene	11.77	119	14512	0.965	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	14411	0.913	ug/l	98
85) sec-Butylbenzene	11.94	105	16299	0.886	ug/l	98
86) p-Isopropyltoluene	12.06	119	14640	0.878	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	8946	1.022	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	8946	1.025	ug/l	98
89) n-Butylbenzene	12.39	91	12137	0.872	ug/l	99
90) Hexachloroethane	12.60	117	2366	0.883	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	9031	1.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1017	0.799	ug/l	94

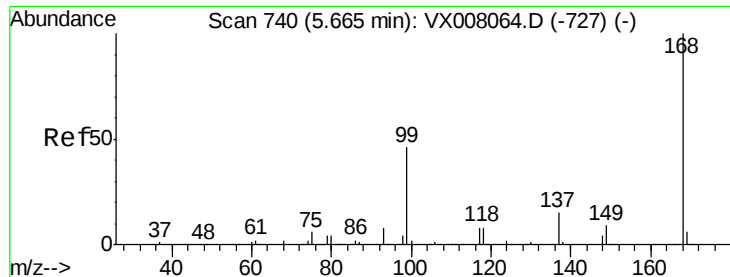
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QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	5899	0.957	ug/l	99
94) Hexachlorobutadiene	13.78	225	3352	0.997	ug/l	93
95) Naphthalene	13.83	128	15006	0.823	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	5652	0.920	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

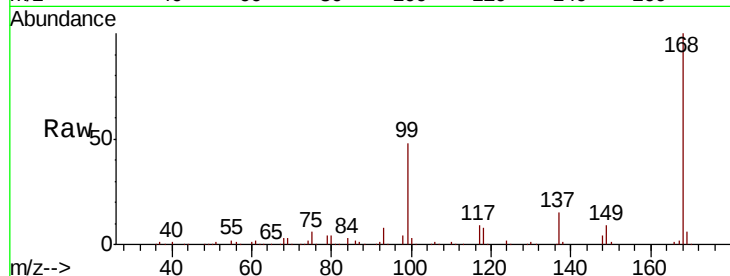
BFB

Tgt Ion:168 Resp: 458529

Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX008061.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX008061.D (-727) (-)

5.66

150000

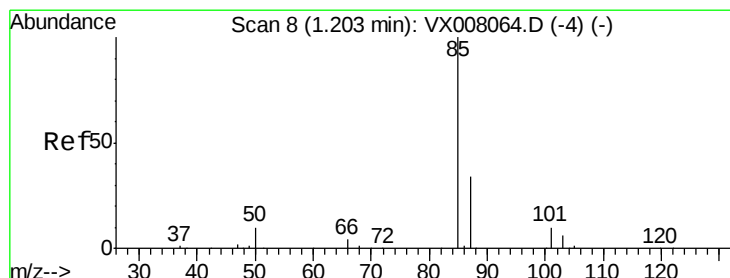
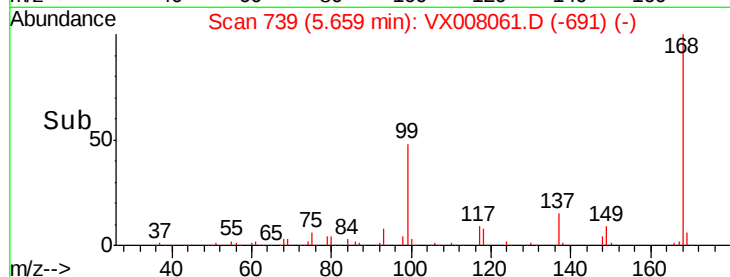
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.960 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX008061.D

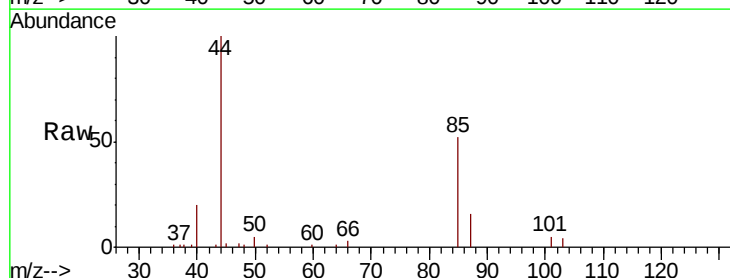
Acq: 14 Mar 2019 09:39

Tgt Ion: 85 Resp: 3544

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008061.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VX008061.D (-4) (-)

1.20

3000

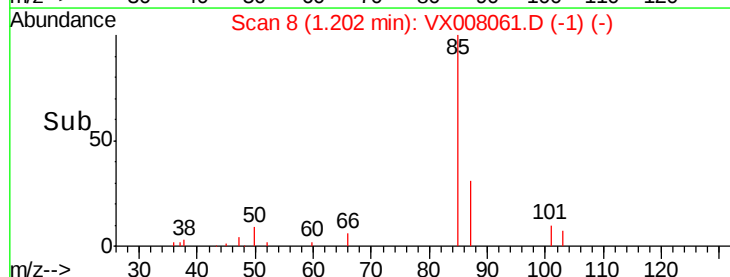
2000

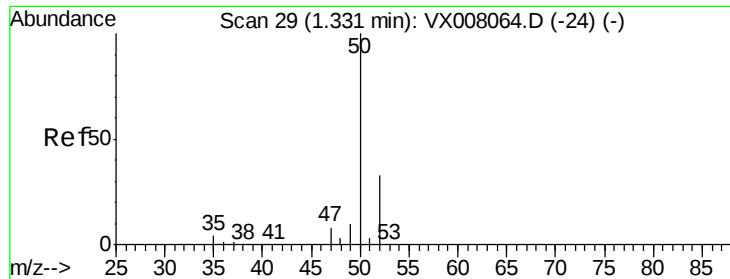
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.236 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

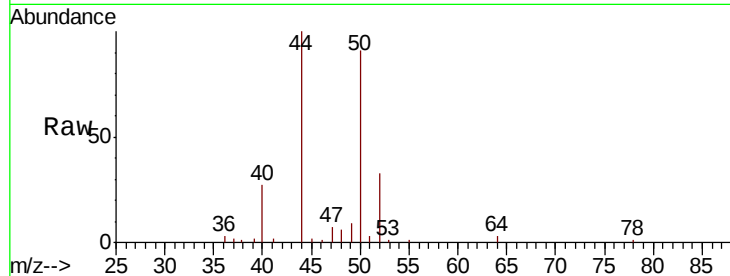
BFB

Tgt Ion: 50 Resp: 4949

Ion Ratio Lower Upper

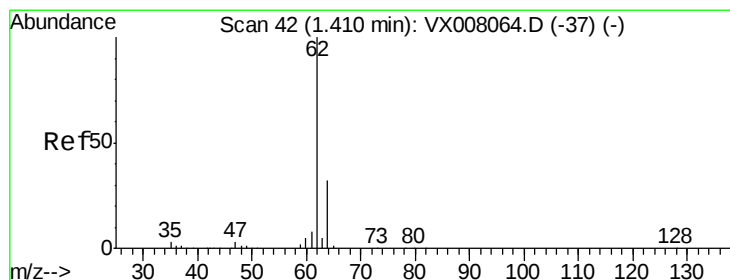
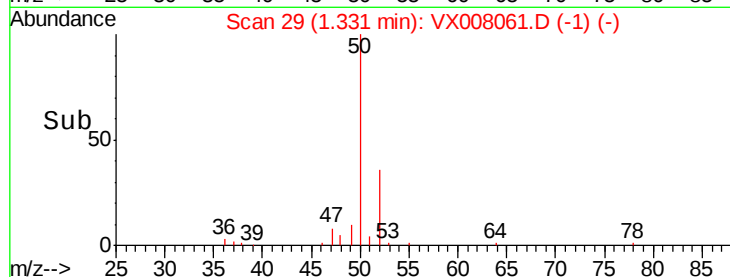
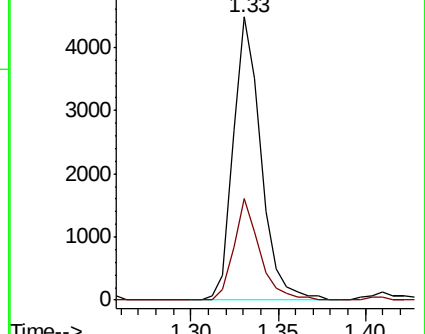
50 100

52 35.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.153 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008061.D

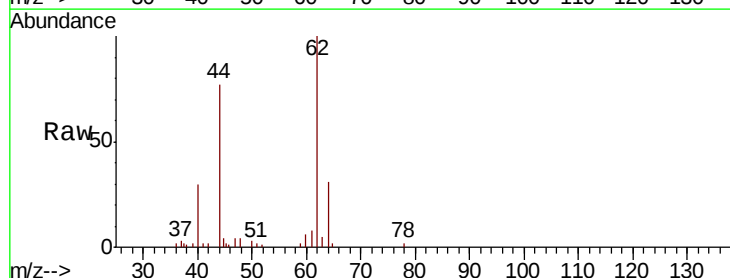
Acq: 14 Mar 2019 09:39

Tgt Ion: 62 Resp: 4408

Ion Ratio Lower Upper

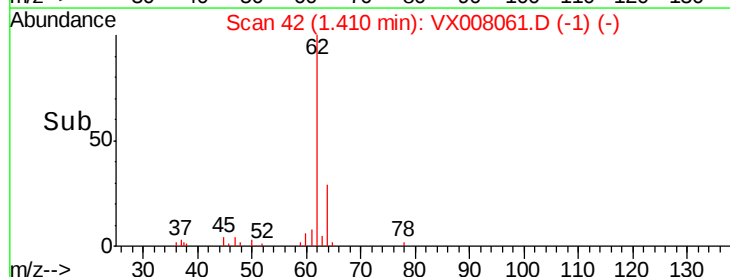
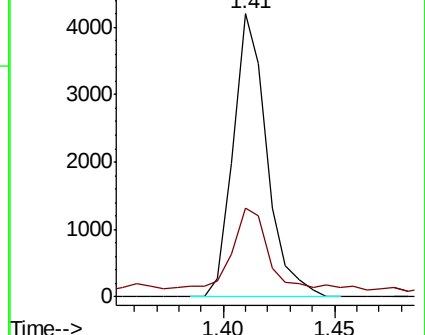
62 100

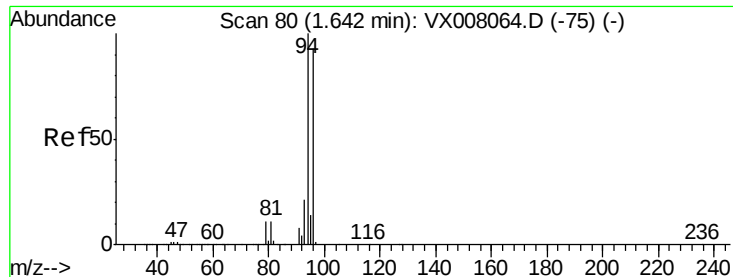
64 28.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.729 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

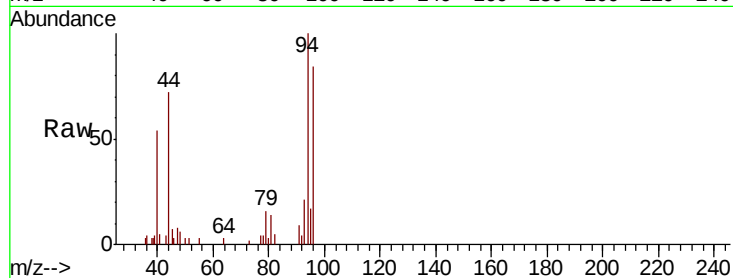
BFB

Tgt Ion: 94 Resp: 3357

Ion Ratio Lower Upper

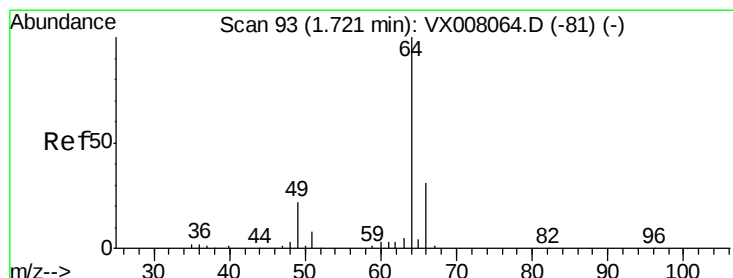
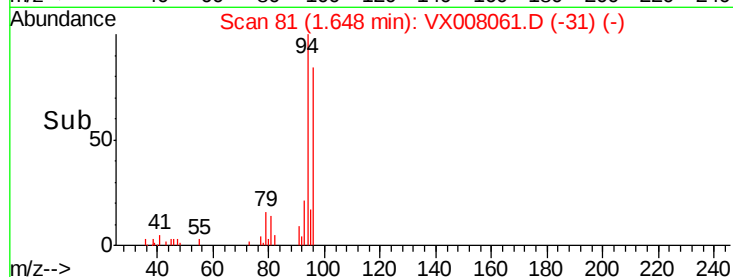
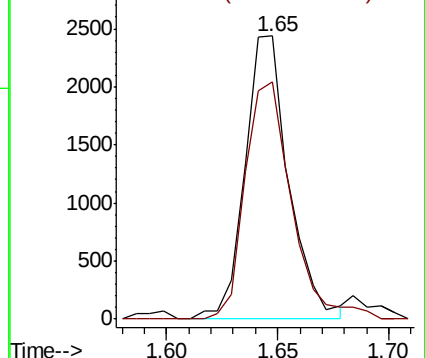
94 100

96 83.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.980 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX008061.D

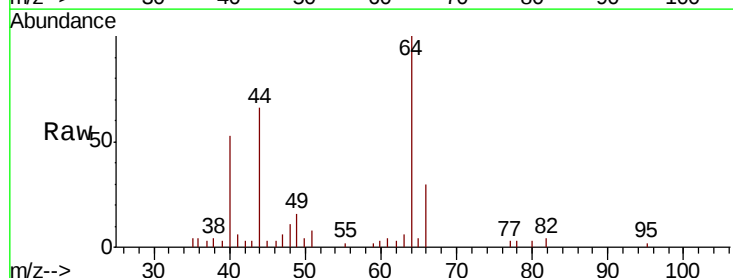
Acq: 14 Mar 2019 09:39

Tgt Ion: 64 Resp: 4444

Ion Ratio Lower Upper

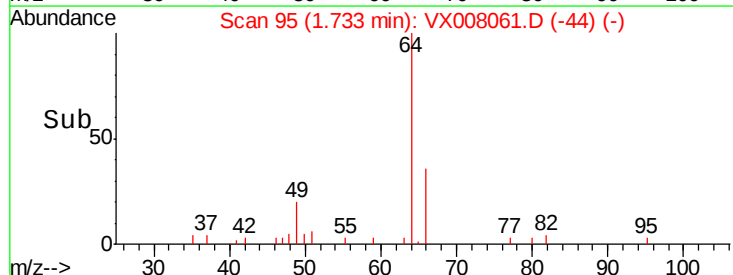
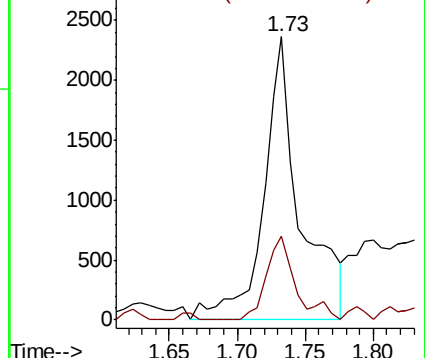
64 100

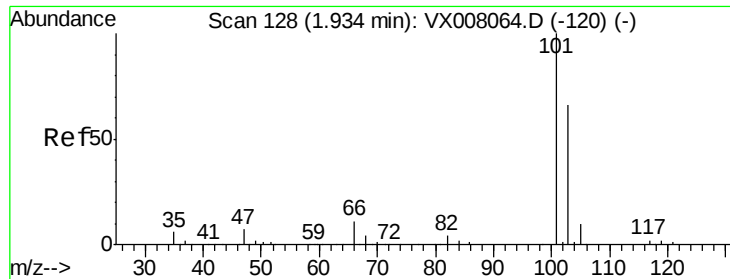
66 29.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.217 ug/l

RT: 1.93 min Scan# 128

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

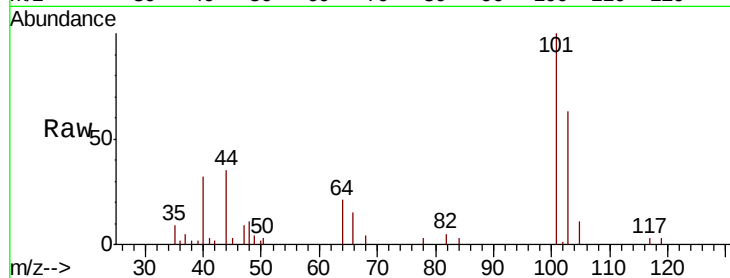
BFB

Tgt Ion:101 Resp: 5514

Ion Ratio Lower Upper

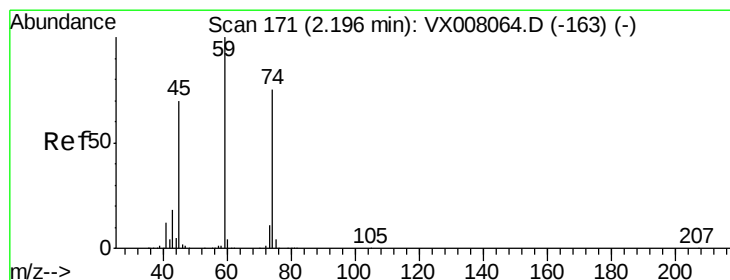
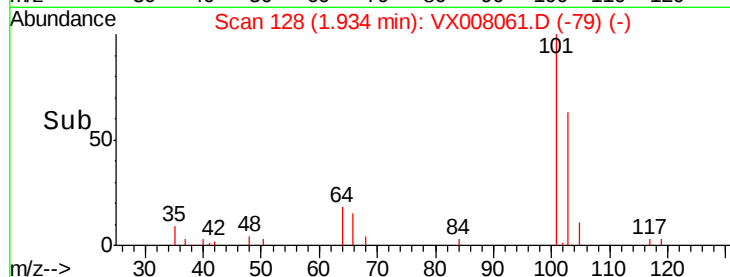
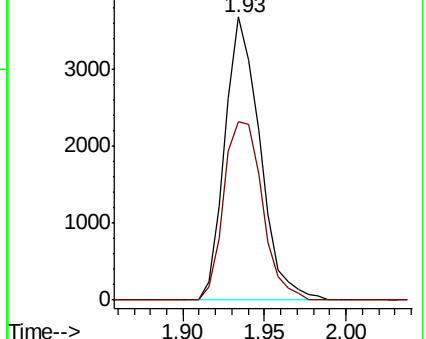
101 100

103 63.2 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.989 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX008061.D

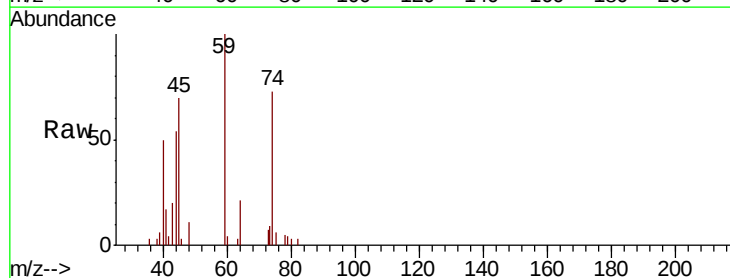
Acq: 14 Mar 2019 09:39

Tgt Ion: 74 Resp: 2413

Ion Ratio Lower Upper

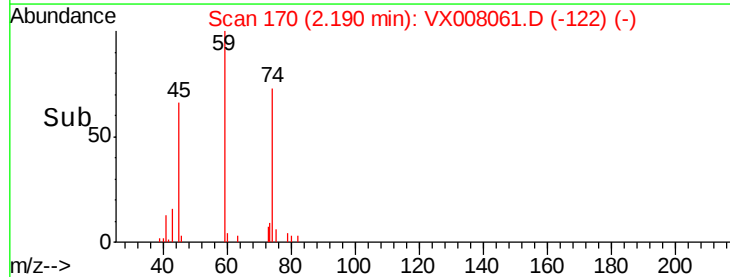
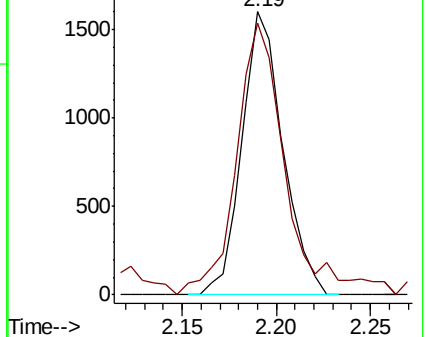
74 100

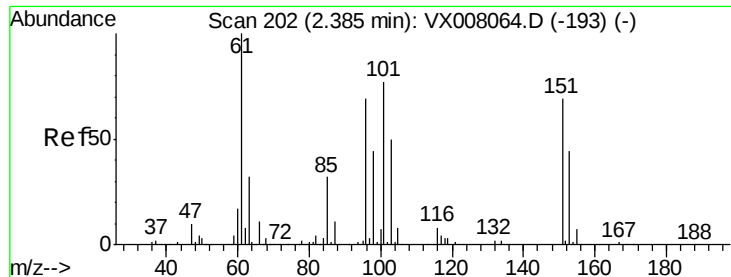
45 115.1 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.030 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

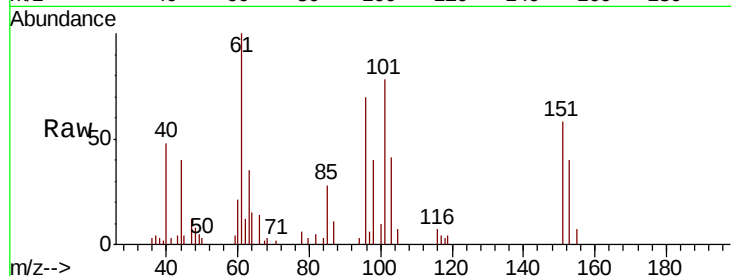
Tgt Ion:101 Resp: 3705

Ion Ratio Lower Upper

101 100

85 41.3 33.8 50.6

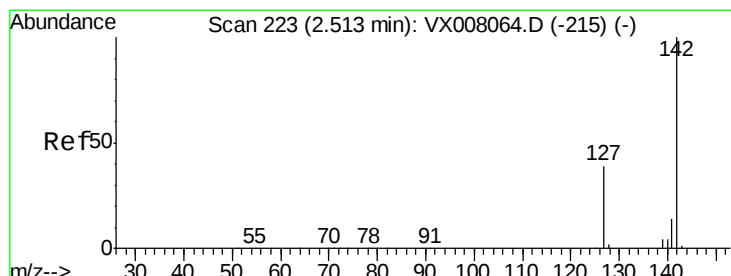
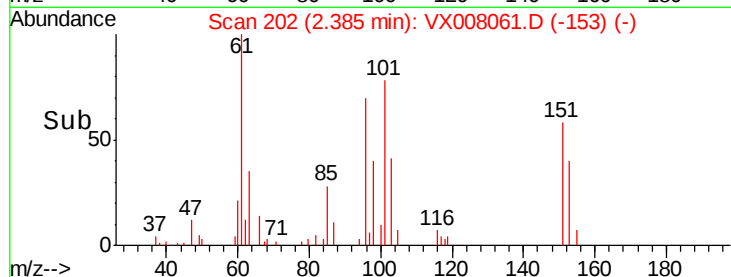
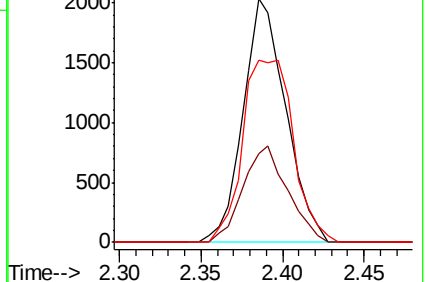
151 88.5 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.775 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

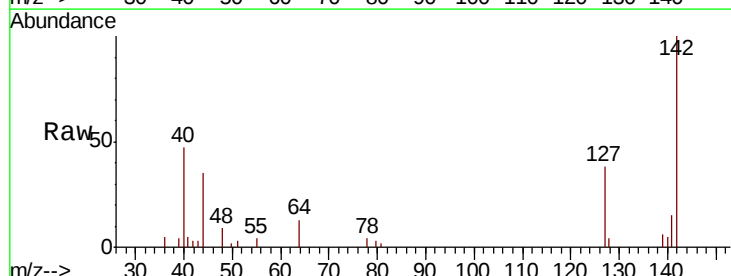
Tgt Ion:142 Resp: 4408

Ion Ratio Lower Upper

142 100

127 37.9 32.1 48.1

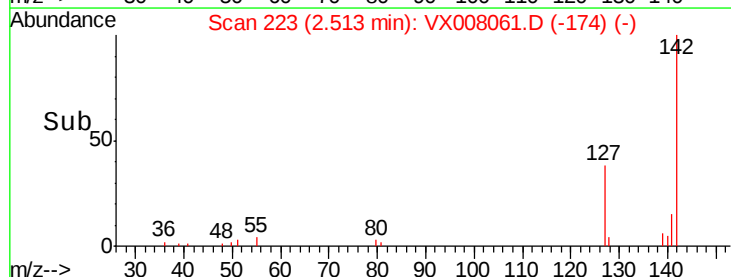
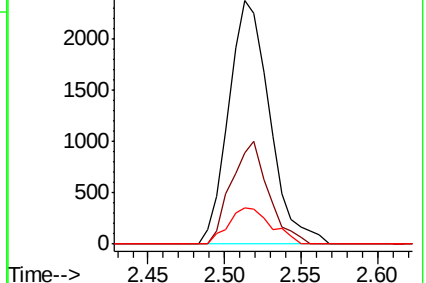
141 15.4 11.4 17.2

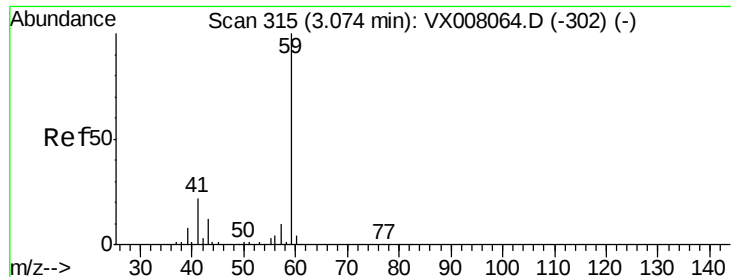


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



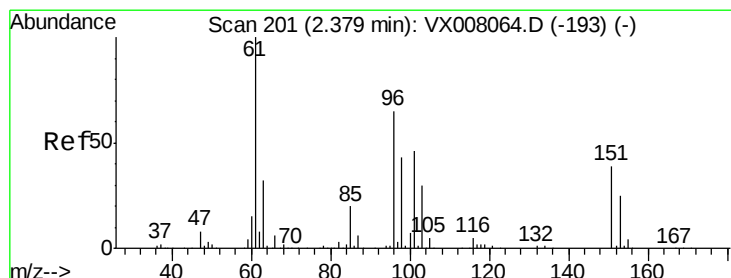
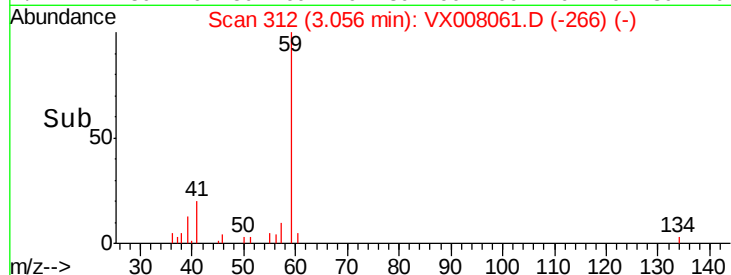
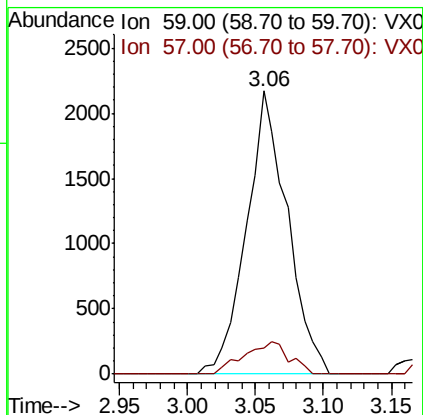
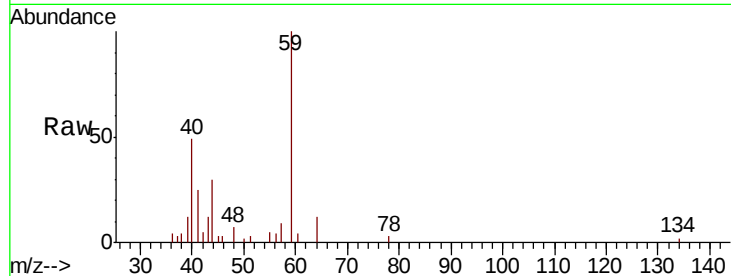


#11

Tert butyl alcohol
 Concen: 5.119 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

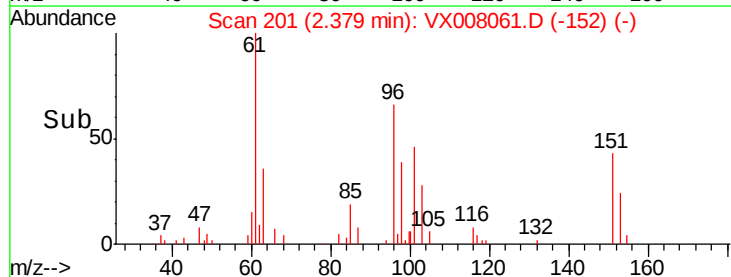
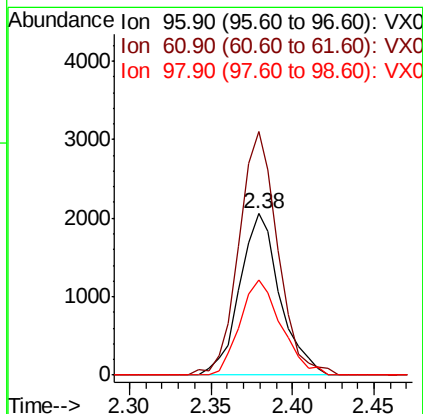
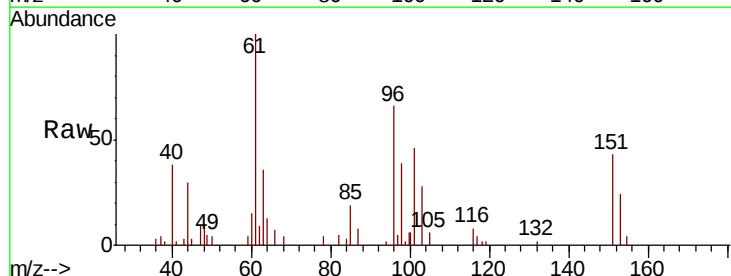
Tgt Ion: 59 Resp: 4560
 Ion Ratio Lower Upper
 59 100
 57 12.7 8.2 12.2#

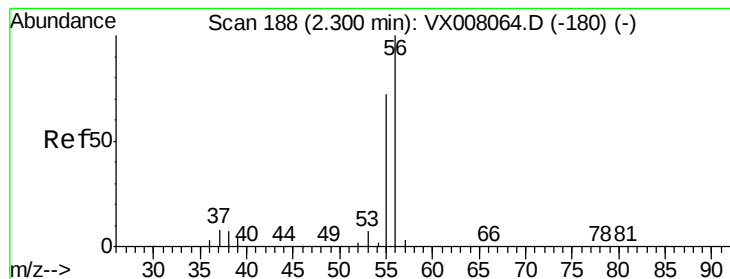


#12

1,1-Dichloroethene
 Concen: 1.021 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 96 Resp: 3533
 Ion Ratio Lower Upper
 96 100
 61 151.1 129.8 194.6
 98 58.8 51.0 76.6





#13

Acrolein

Concen: 3.094 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

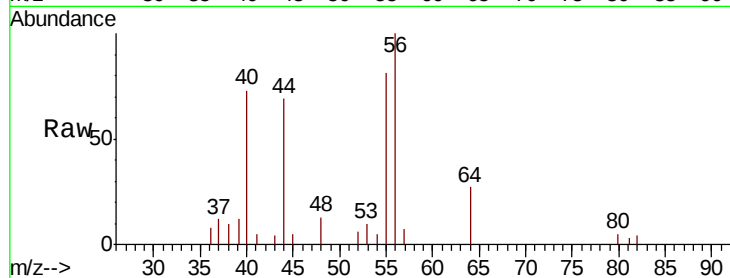
BFB

Tgt Ion: 56 Resp: 2547

Ion Ratio Lower Upper

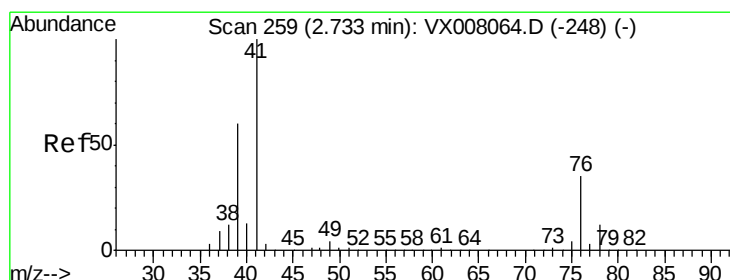
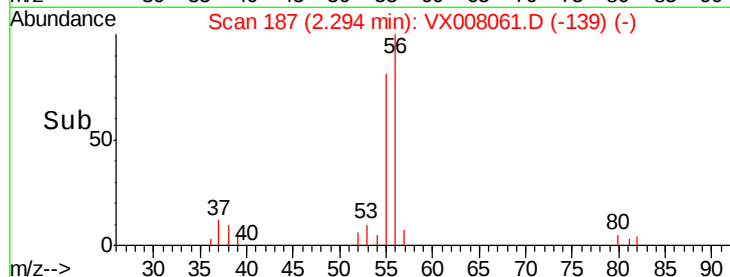
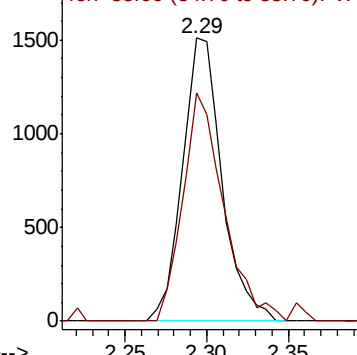
56 100

55 83.6 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.951 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

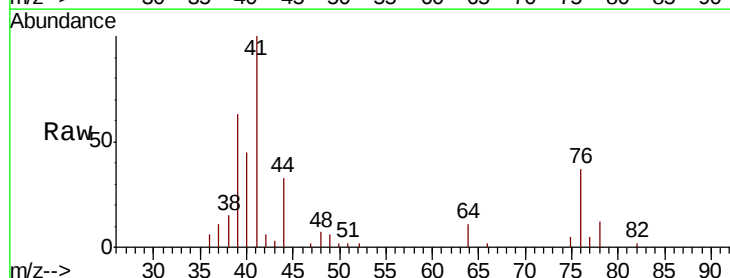
Tgt Ion: 41 Resp: 6034

Ion Ratio Lower Upper

41 100

39 65.5 46.1 69.1

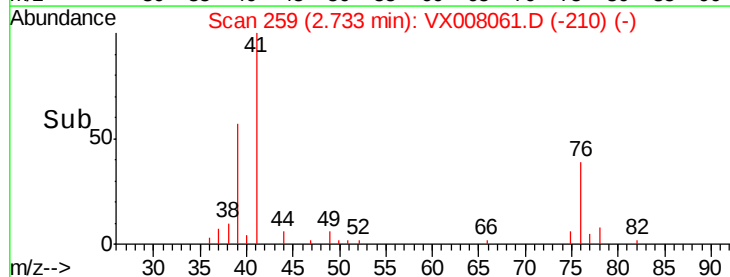
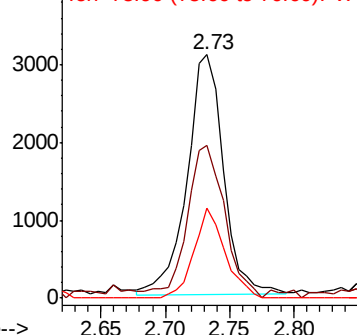
76 31.8 24.0 36.0

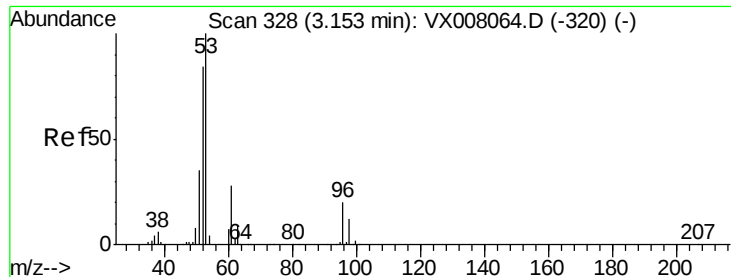


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 5.116 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

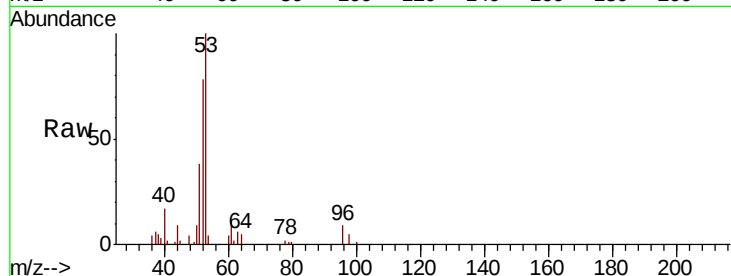
Tgt Ion: 53 Resp: 11073

Ion Ratio Lower Upper

53 100

52 80.7 66.0 99.0

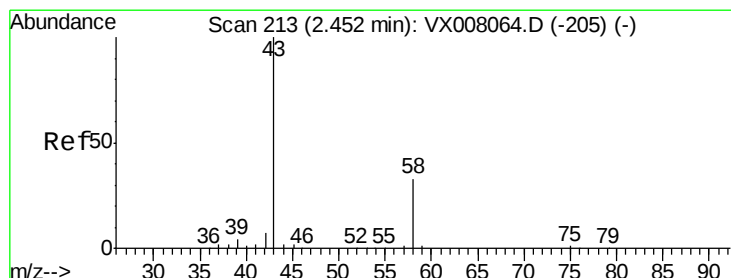
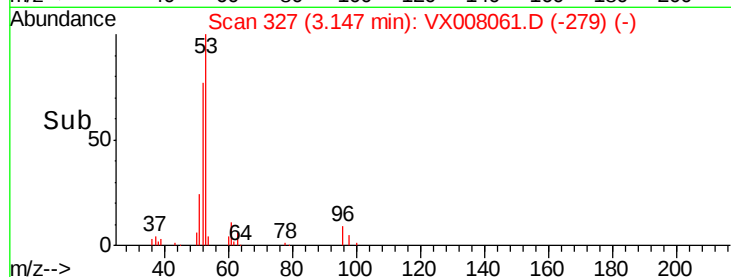
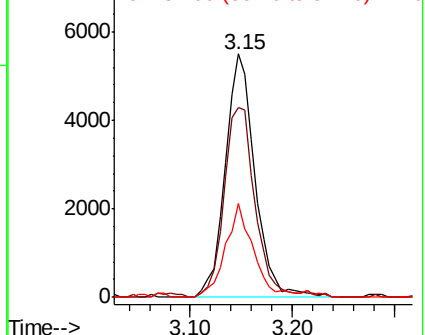
51 35.9 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.587 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008061.D

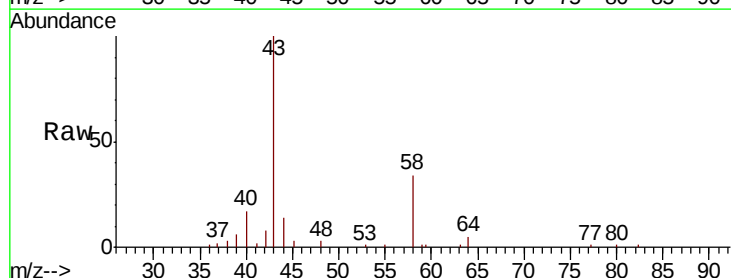
Acq: 14 Mar 2019 09:39

Tgt Ion: 43 Resp: 11733

Ion Ratio Lower Upper

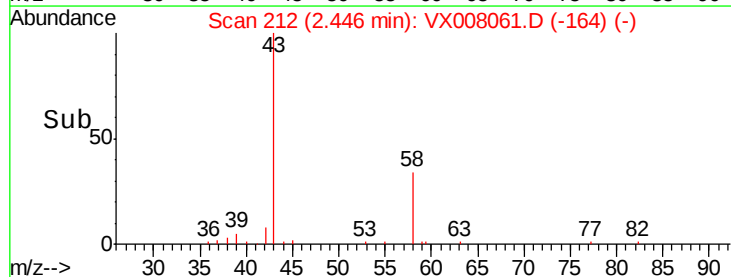
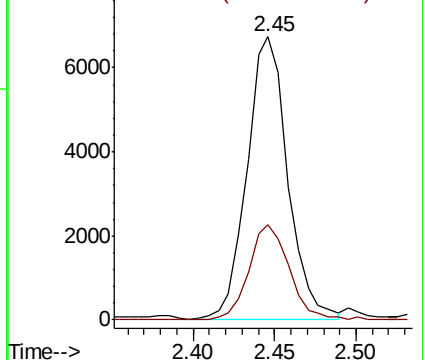
43 100

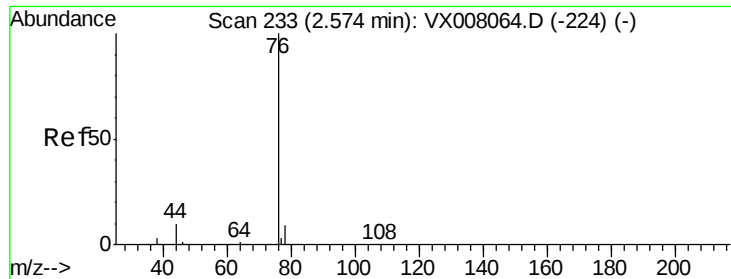
58 33.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

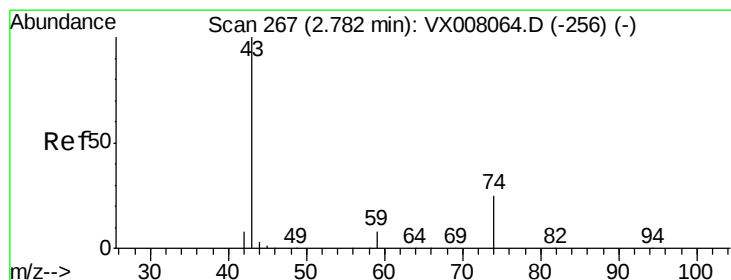
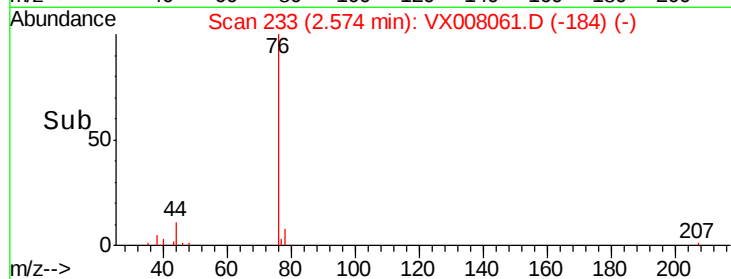
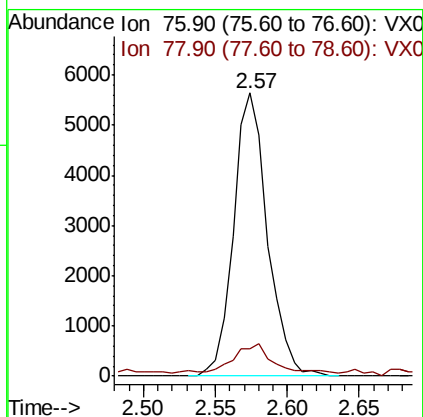
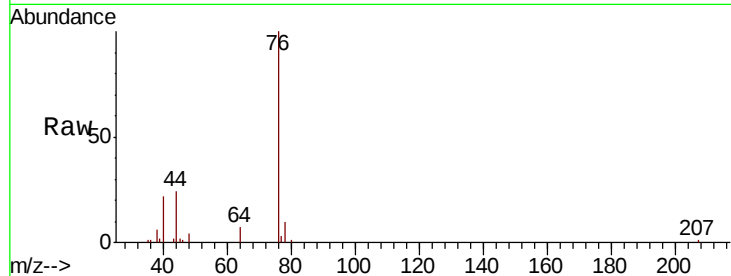




#17
Carbon Disulfide
Concen: 0.894 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

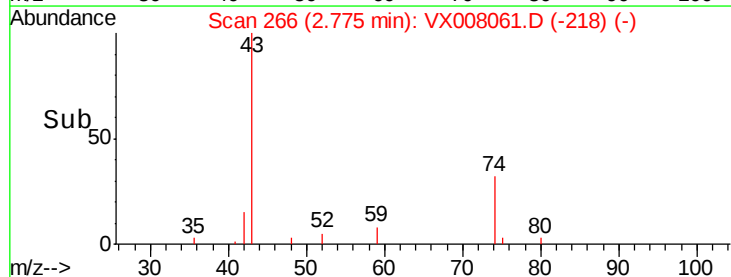
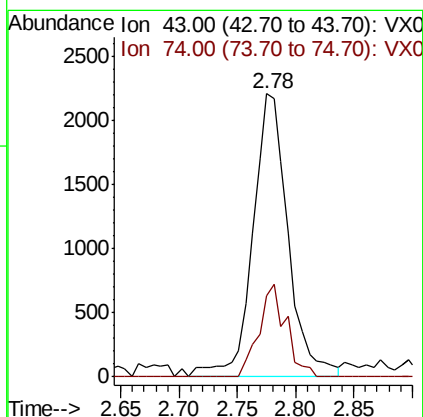
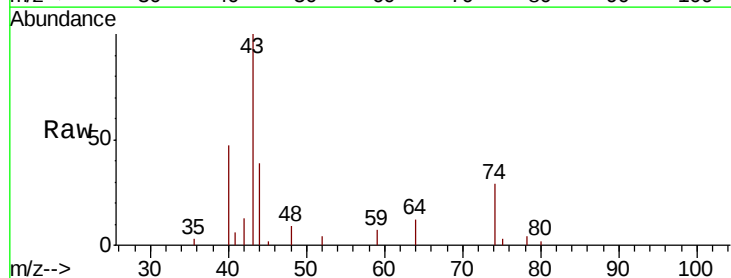
Instrument :
MSVOA_X
ClientSampleId :
BFB

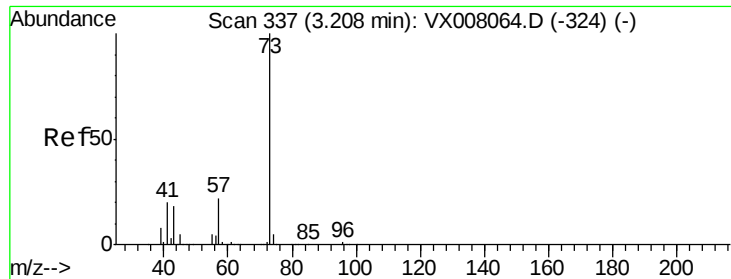
Tgt Ion: 76 Resp: 9226
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 0.983 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 43 Resp: 4674
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.6

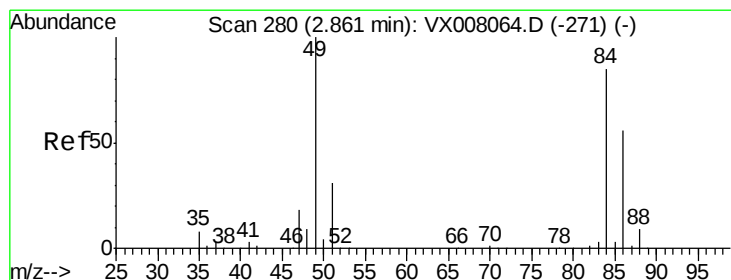
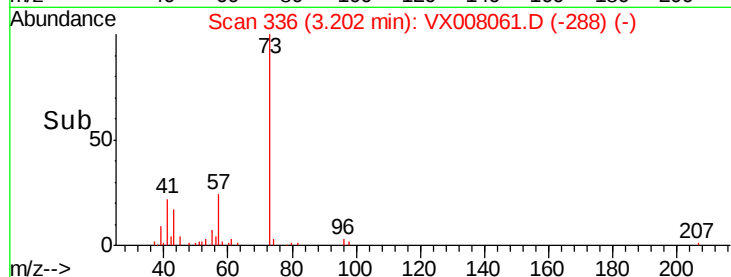
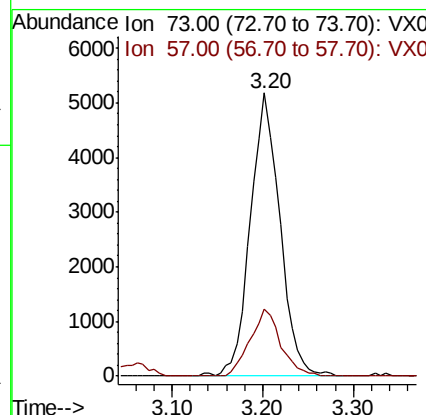
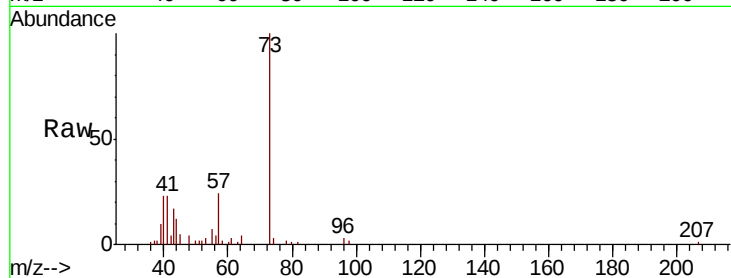




#19
Methyl tert-butyl Ether
Concen: 1.011 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

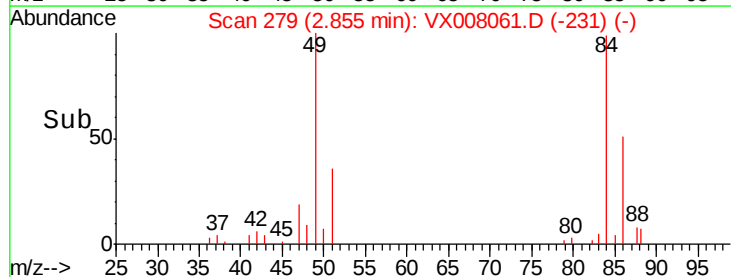
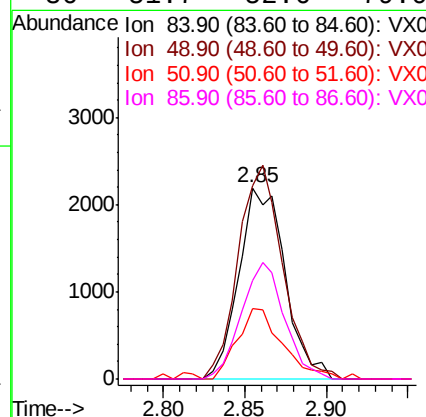
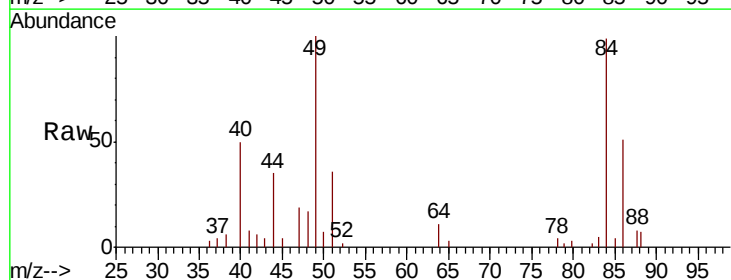
Instrument :
MSVOA_X
ClientSampleId :
BFB

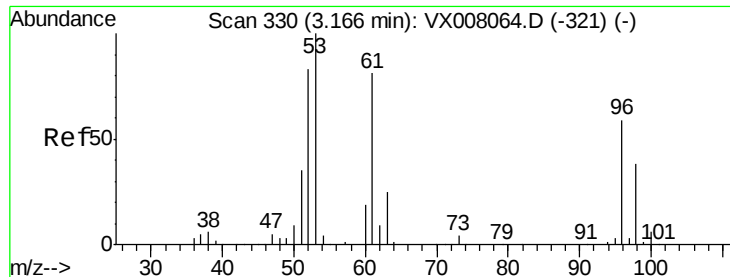
Tgt Ion: 73 Resp: 11722
Ion Ratio Lower Upper
73 100
57 23.6 18.2 27.4



#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 84 Resp: 4307
Ion Ratio Lower Upper
84 100
49 101.1 99.3 148.9
51 36.6 31.3 46.9
86 51.7 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 1.072 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

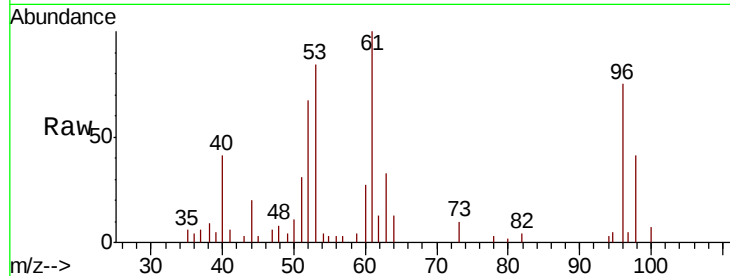
Tgt Ion: 96 Resp: 3960

Ion Ratio Lower Upper

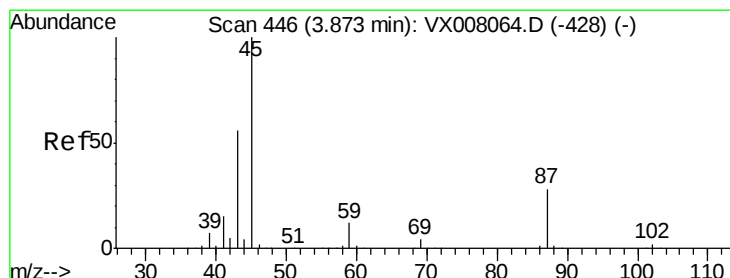
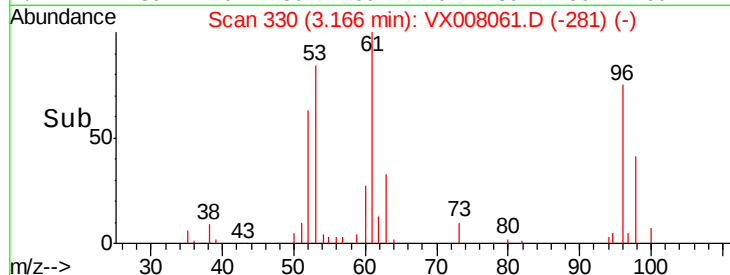
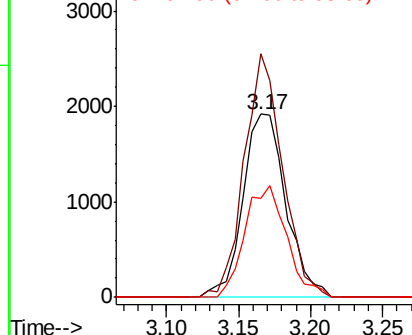
96 100

61 132.8 114.4 171.6

98 54.2 51.1 76.7



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



#22

Diisopropyl ether

Concen: 0.961 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Tgt Ion: 45 Resp: 12211

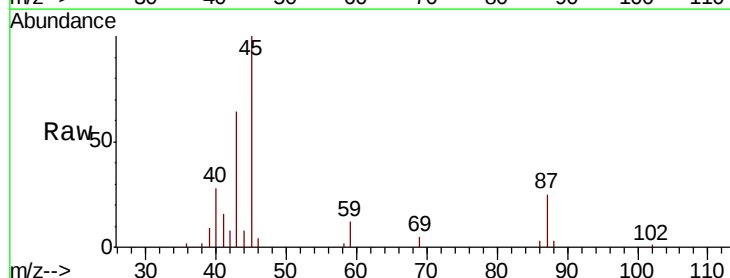
Ion Ratio Lower Upper

45 100

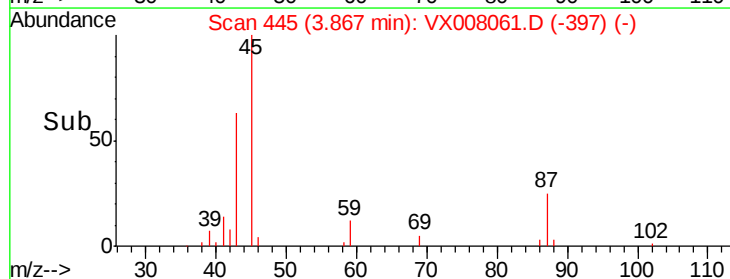
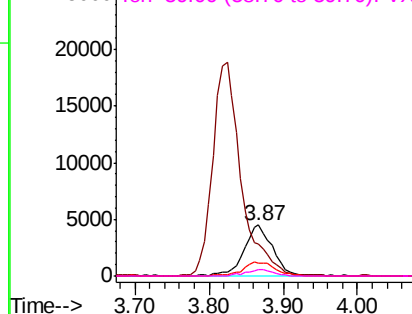
43 63.5 45.3 67.9

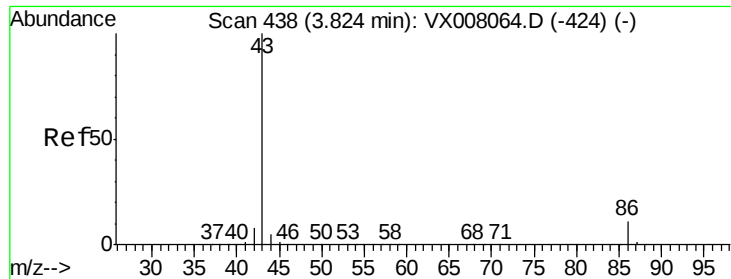
87 24.9 21.4 32.0

59 11.8 9.5 14.3



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

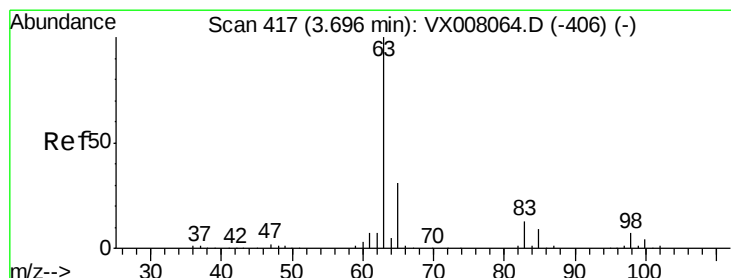
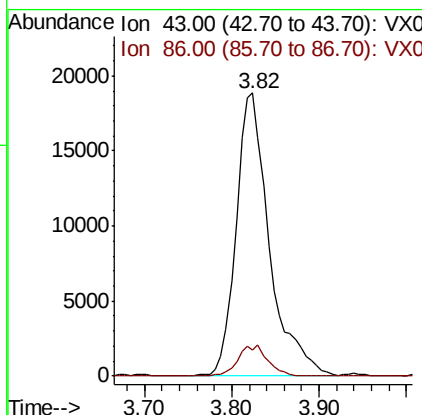
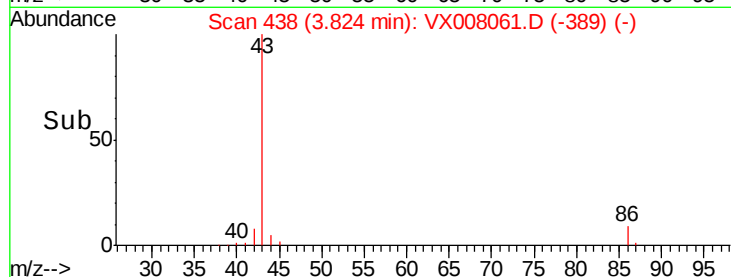
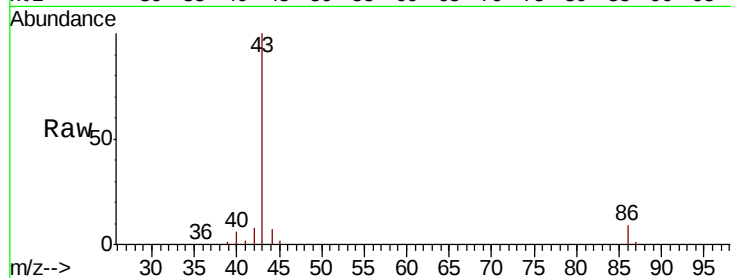




#23
 Vinyl Acetate
 Concen: 4.487 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

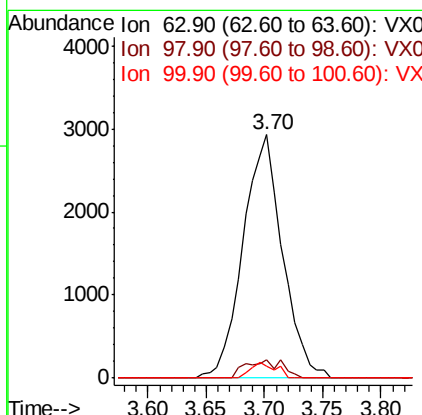
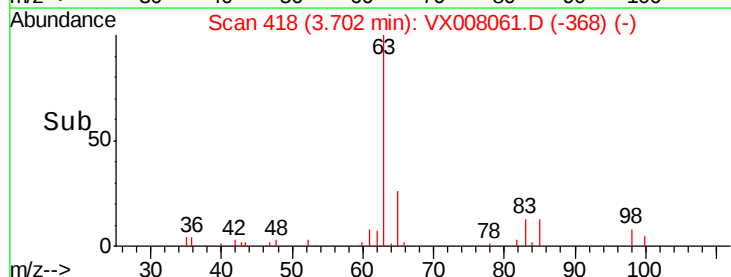
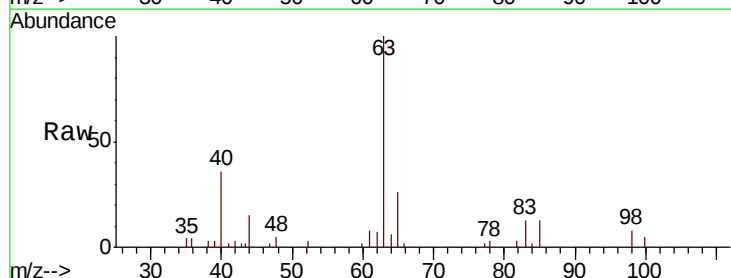
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

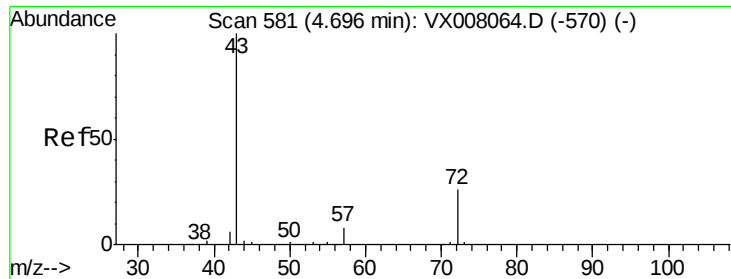
Tgt Ion: 43 Resp: 49815
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 0.990 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 63 Resp: 6911
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 5.048 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

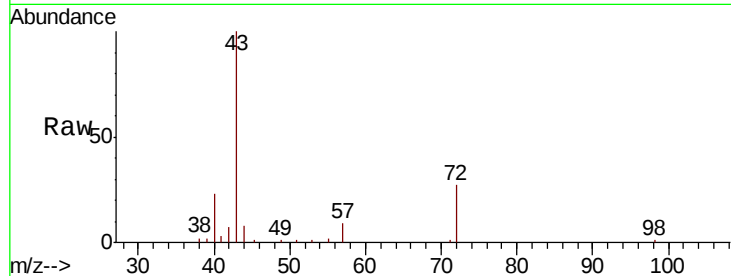
BFB

Tgt Ion: 43 Resp: 16866

Ion Ratio Lower Upper

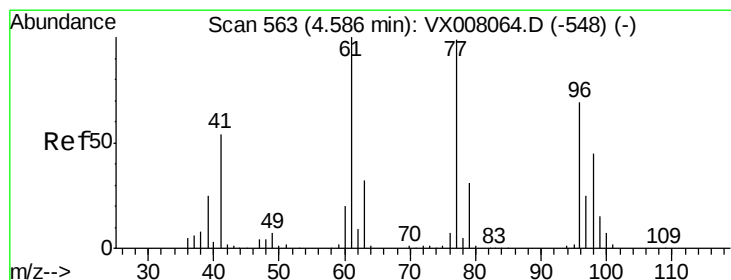
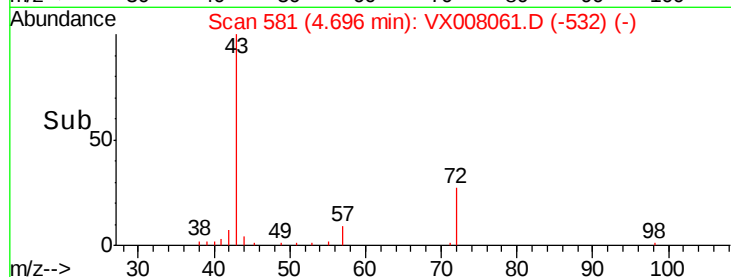
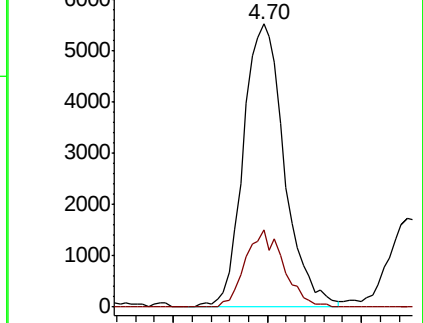
43 100

72 27.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.955 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008061.D

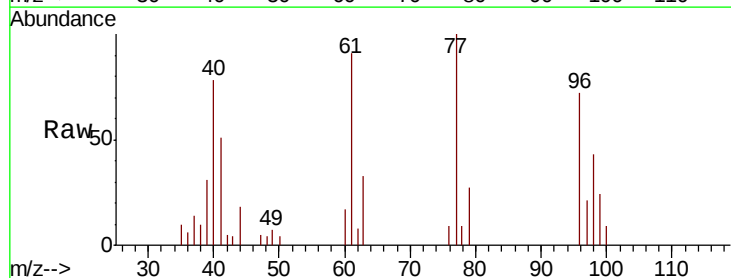
Acq: 14 Mar 2019 09:39

Tgt Ion: 77 Resp: 4984

Ion Ratio Lower Upper

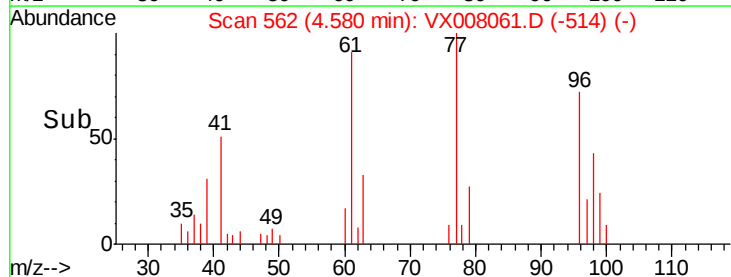
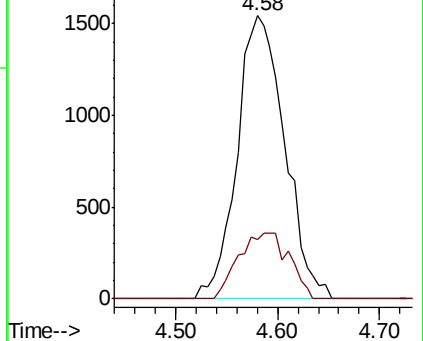
77 100

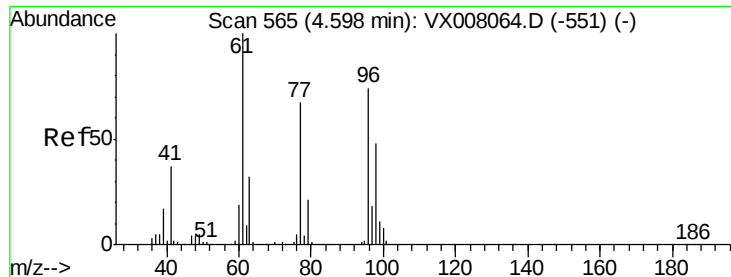
97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



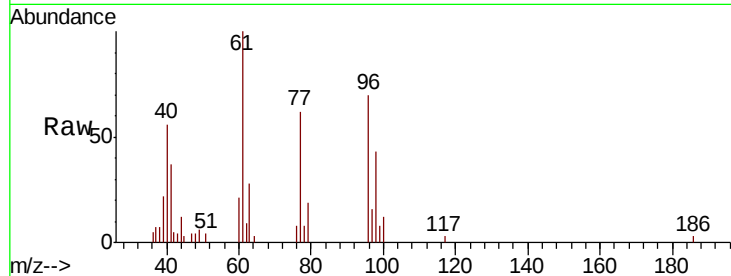


#27

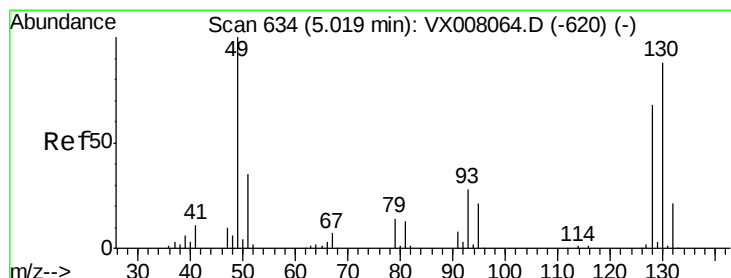
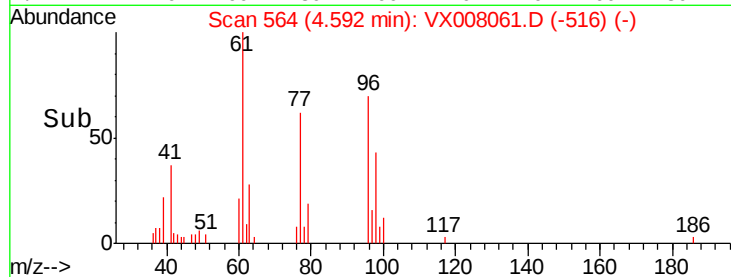
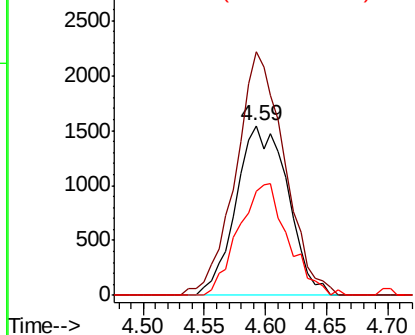
cis-1,2-Dichloroethene
 Concen: 1.047 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 96 Resp: 4538
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 288.0
 98 63.1 0.0 129.0



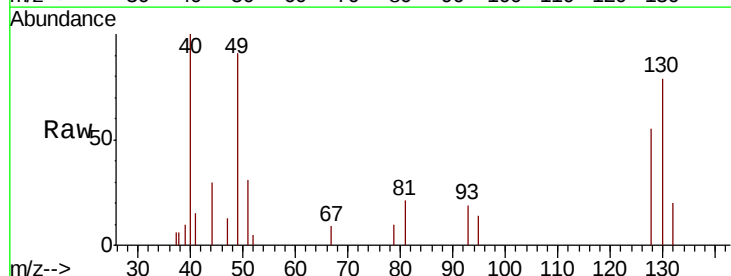
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



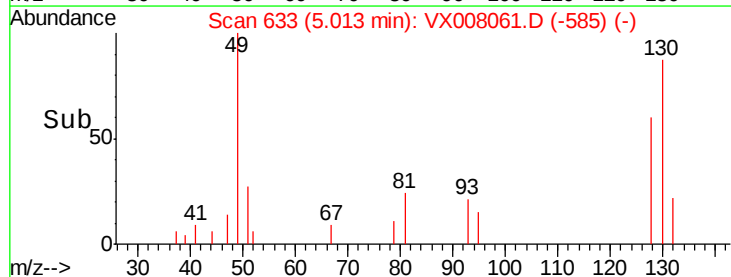
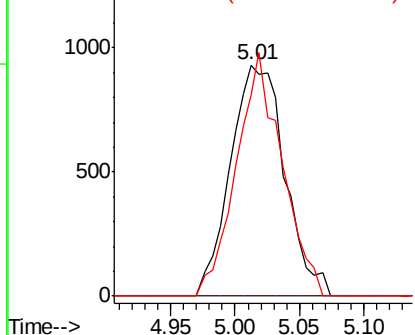
#28

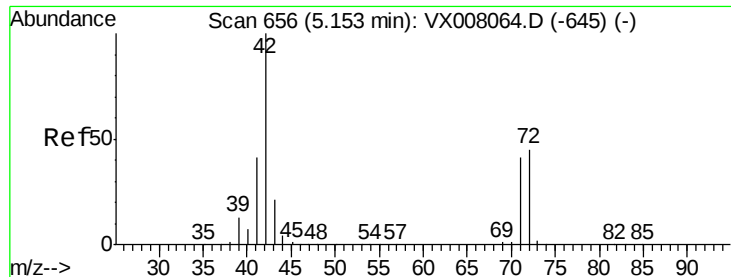
Bromochloromethane
 Concen: 0.811 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 49 Resp: 2725
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 88.4 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

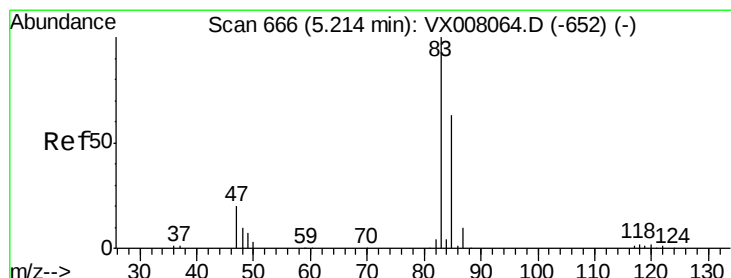
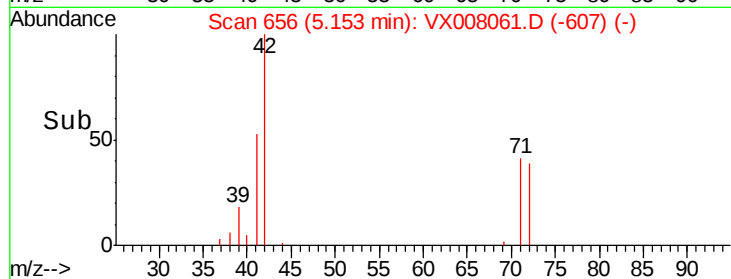
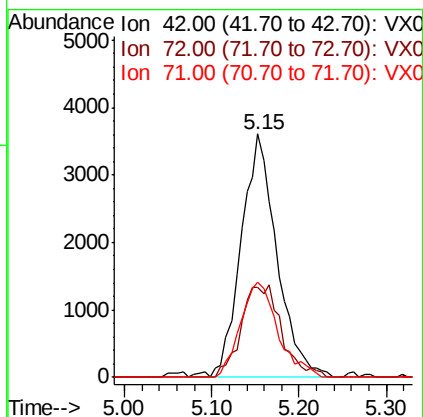
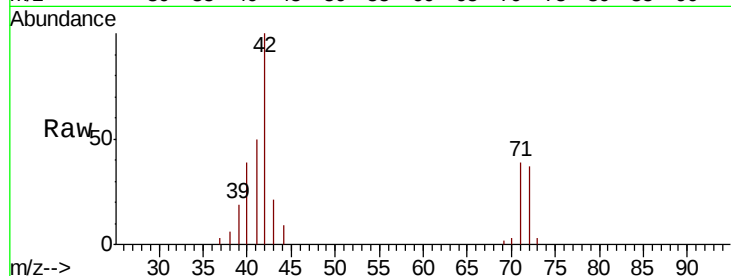




#29
Tetrahydrofuran
Concen: 4.852 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

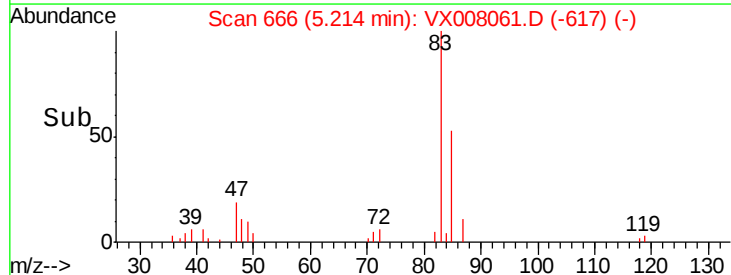
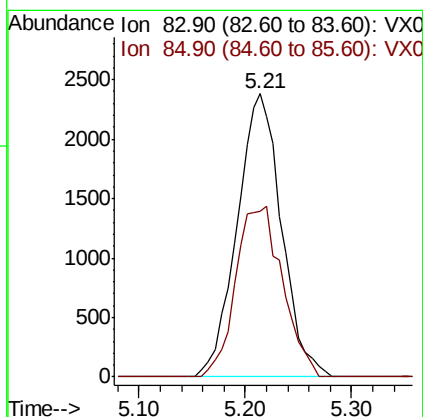
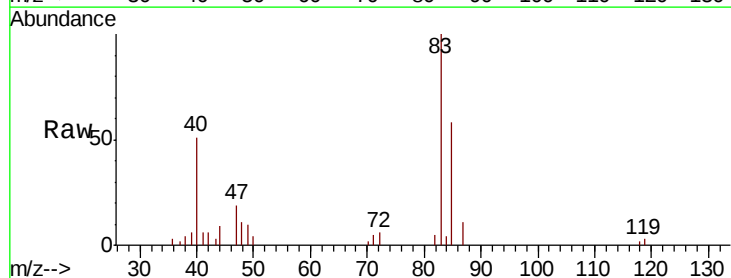
Instrument :
MSVOA_X
ClientSampleId :
BFB

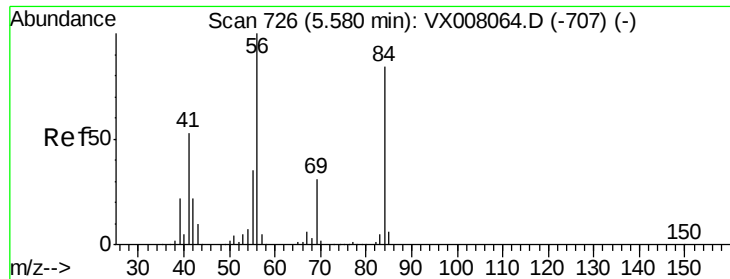
Tgt Ion: 42 Resp: 10291
Ion Ratio Lower Upper
42 100
72 42.5 33.8 50.6
71 40.8 31.5 47.3



#30
Chloroform
Concen: 1.019 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 83 Resp: 6955
Ion Ratio Lower Upper
83 100
85 58.4 51.8 77.6

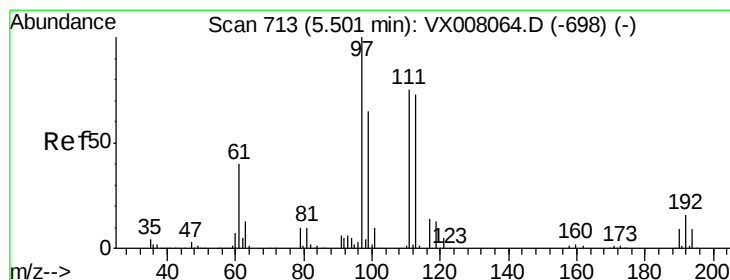
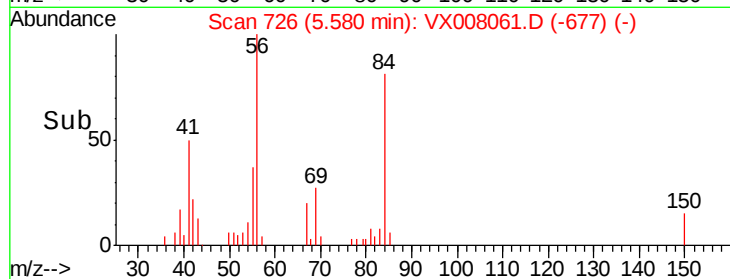
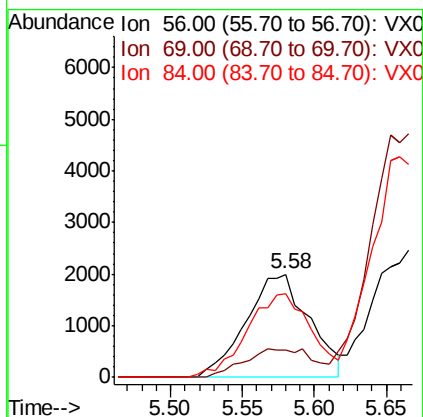
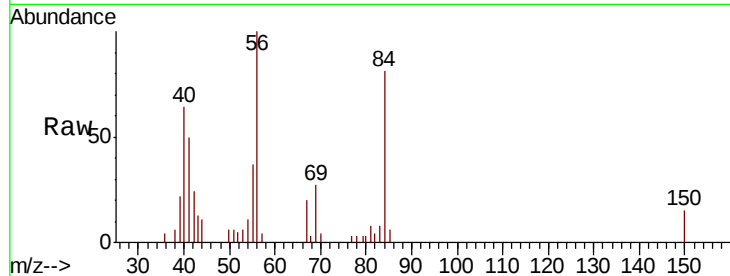




#31
Cyclohexane
Concen: 0.915 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

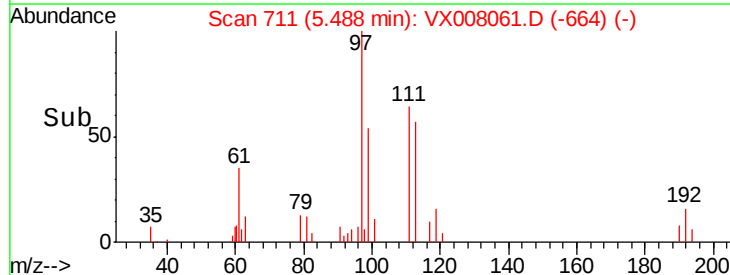
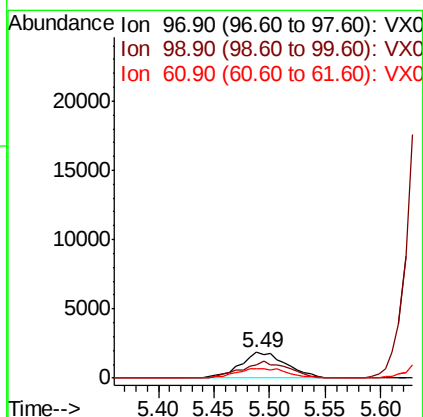
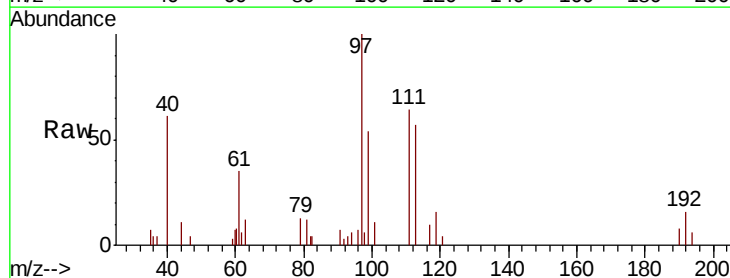
Instrument :
MSVOA_X
ClientSampled :
BFB

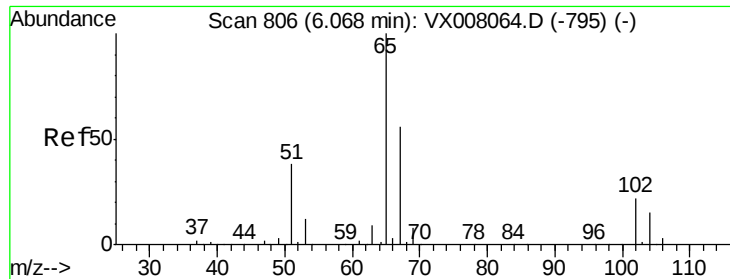
Tgt Ion: 56 Resp: 6068
Ion Ratio Lower Upper
56 100
69 27.1 24.0 36.0
84 81.3 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 0.909 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 97 Resp: 5427
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 40.4 34.9 52.3

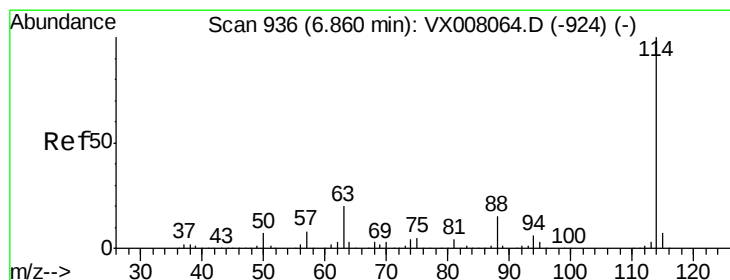
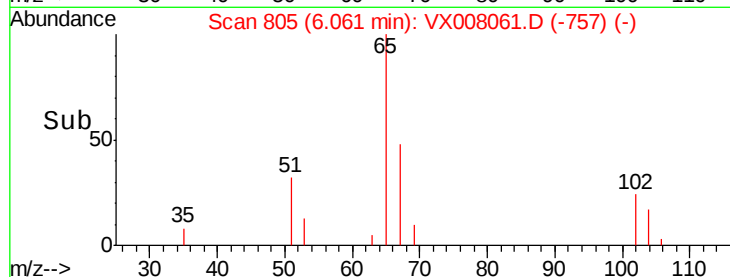
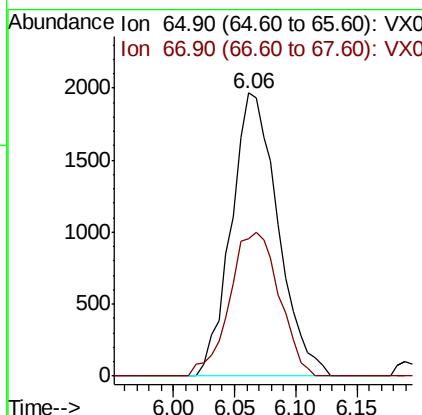
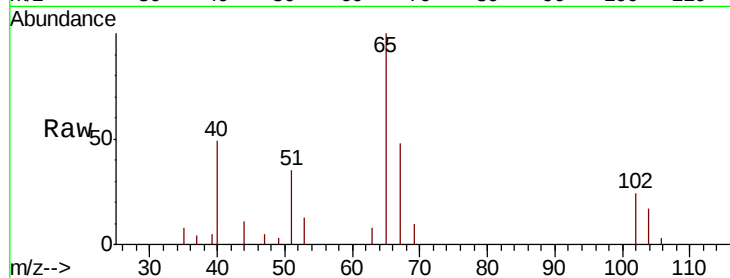




#33
 1,2-Dichloroethane-d4
 Concen: 1.173 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

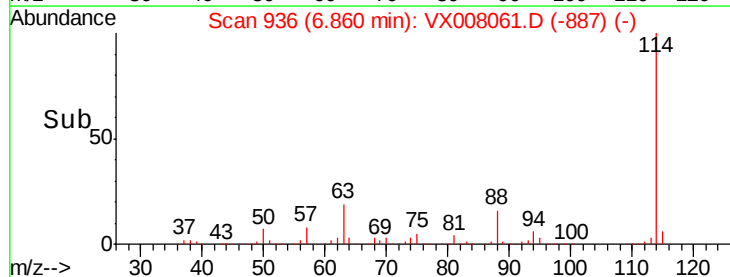
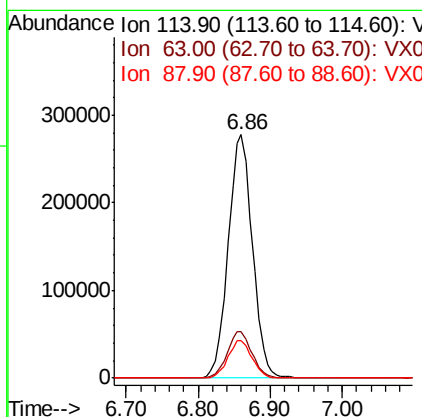
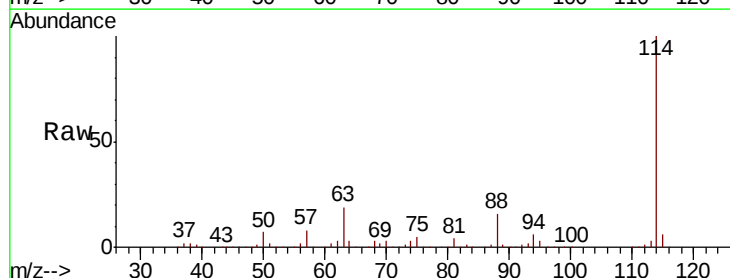
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

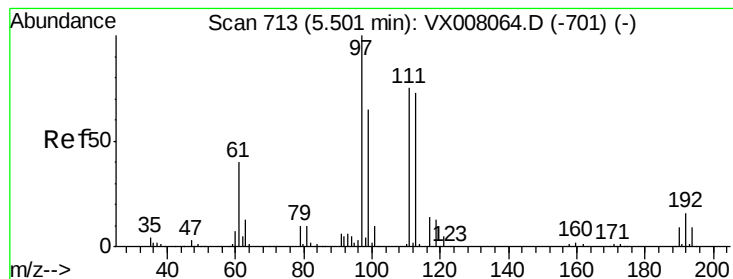
Tgt Ion: 65 Resp: 5210
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 114 Resp: 649772
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 0.993 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

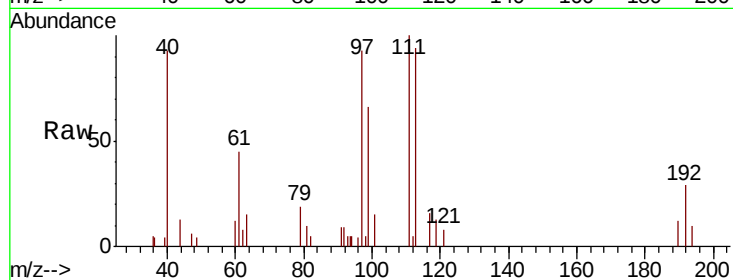
Tgt Ion:113 Resp: 3908

Ion Ratio Lower Upper

113 100

111 108.3 81.4 122.0

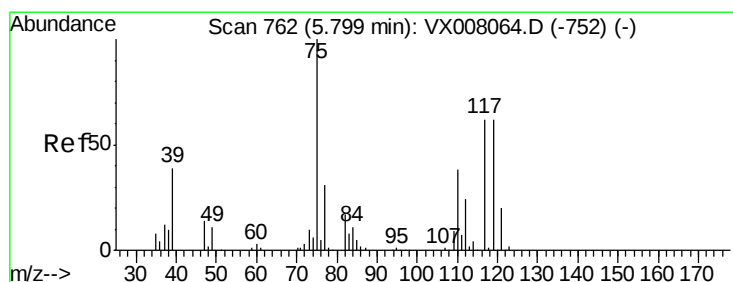
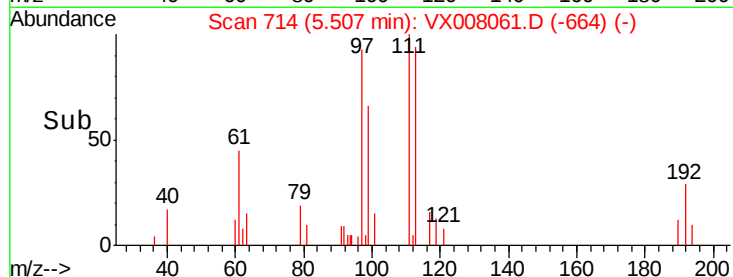
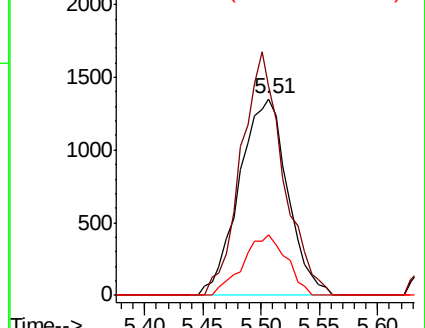
192 27.5 19.4 29.0



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: 1.015 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

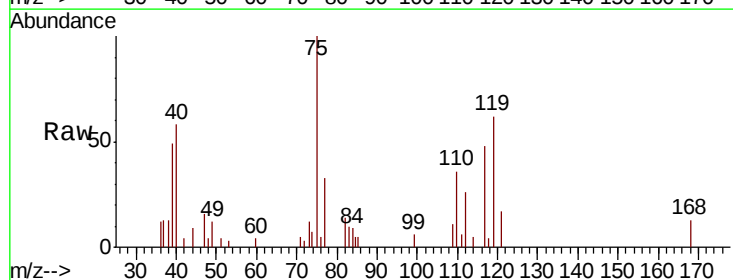
Tgt Ion: 75 Resp: 5265

Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

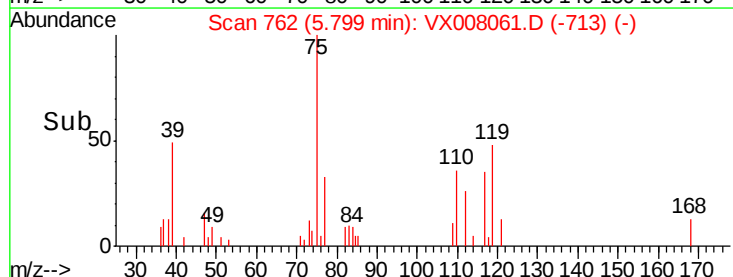
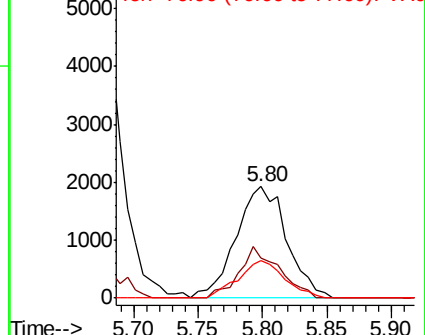
77 30.6 25.0 37.4

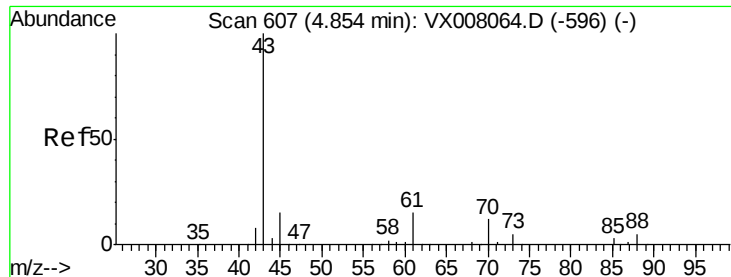


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

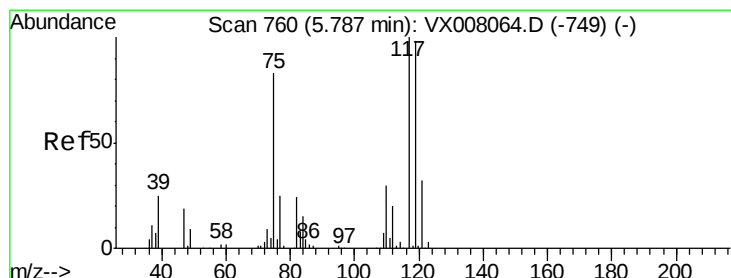
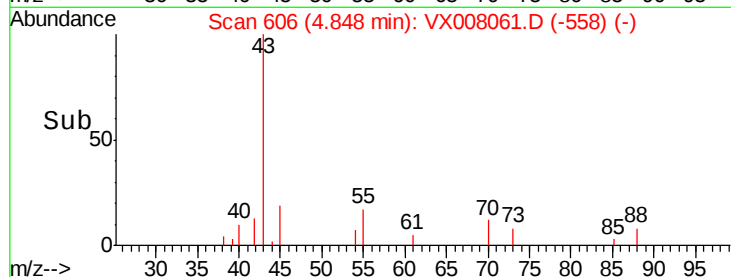
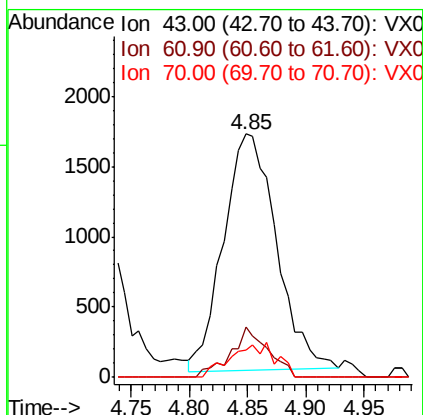
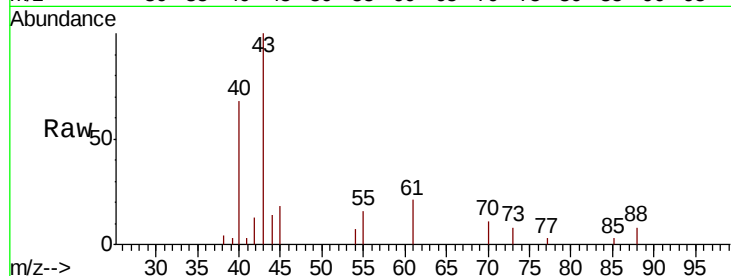




#37
Ethyl Acetate
Concen: 0.926 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

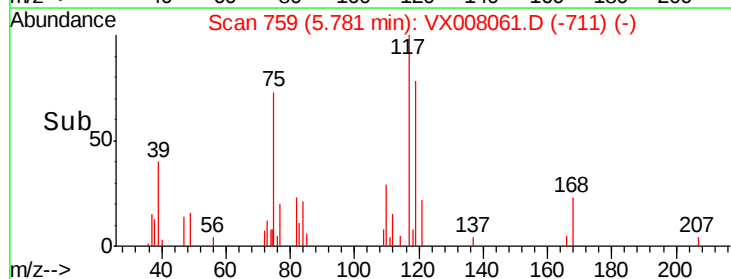
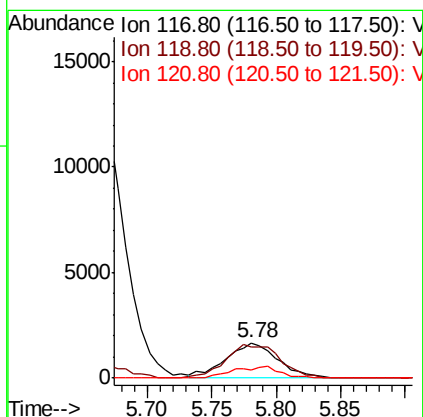
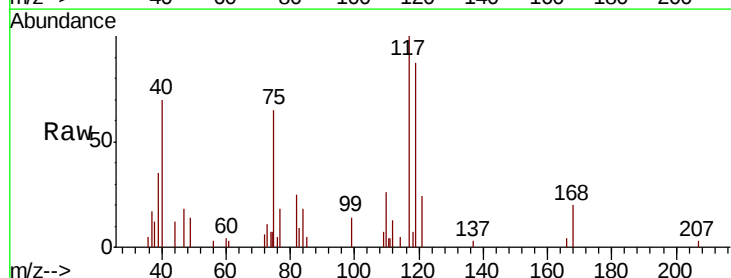
Instrument :
MSVOA_X
ClientSampleId :
BFB

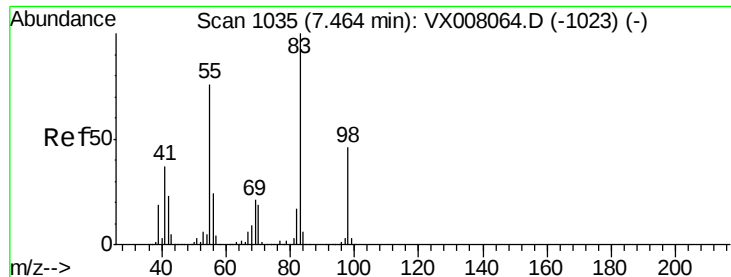
Tgt Ion: 43 Resp: 5314
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 12.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 0.906 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 117 Resp: 4646
Ion Ratio Lower Upper
117 100
119 87.1 76.2 114.2
121 23.5 24.6 36.8#

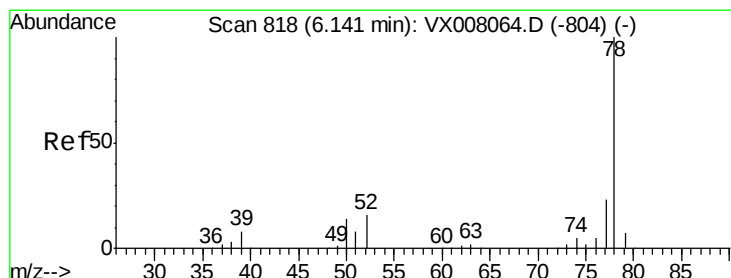
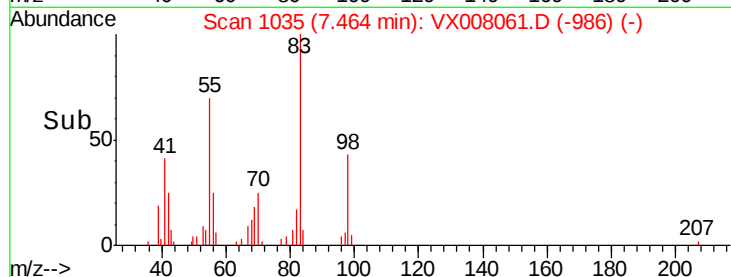
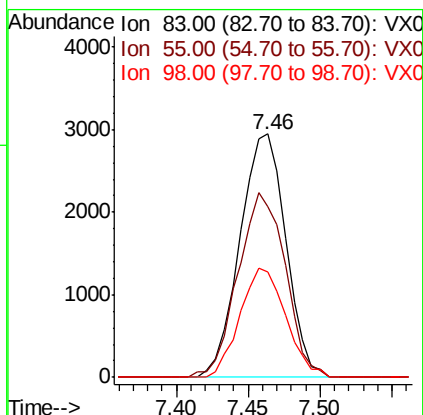
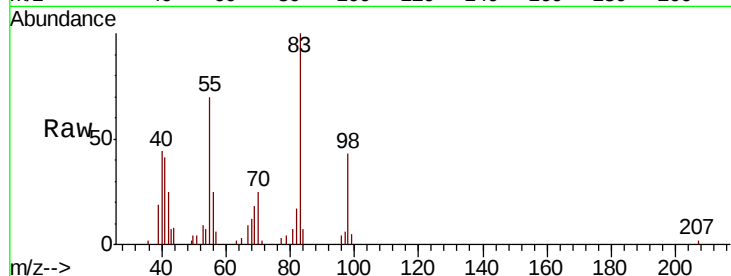




#39
Methylcyclohexane
Concen: 0.964 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

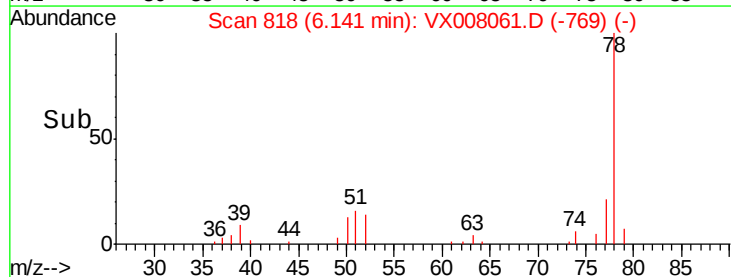
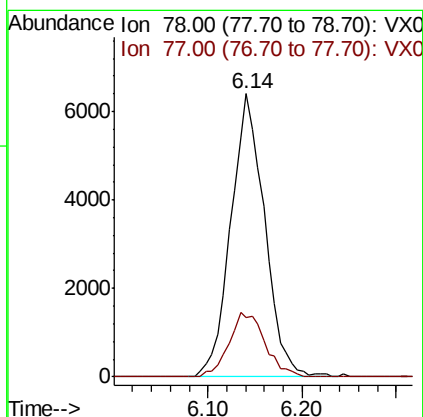
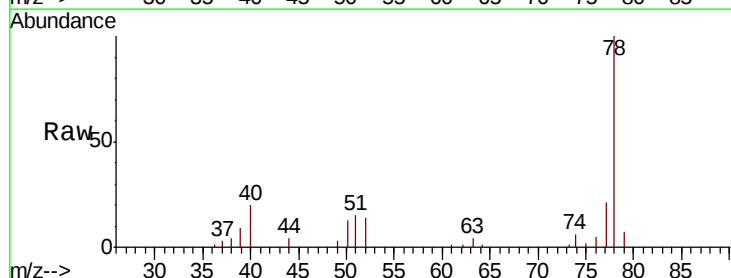
Instrument :
MSVOA_X
ClientSampleId :
BFB

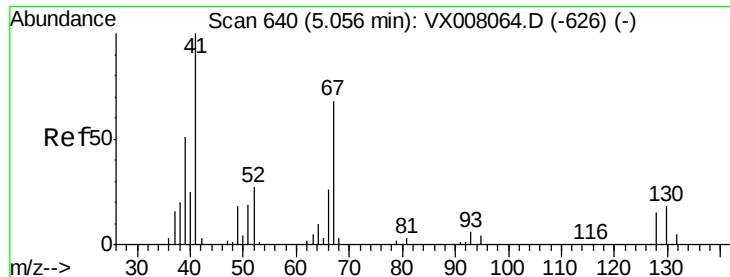
Tgt Ion: 83 Resp: 6510
Ion Ratio Lower Upper
83 100
55 69.9 60.4 90.6
98 43.0 36.5 54.7



#40
Benzene
Concen: 1.004 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 78 Resp: 15984
Ion Ratio Lower Upper
78 100
77 21.1 19.0 28.4





#41

Methacrylonitrile

Concen: 1.027 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 41 Resp: 3361

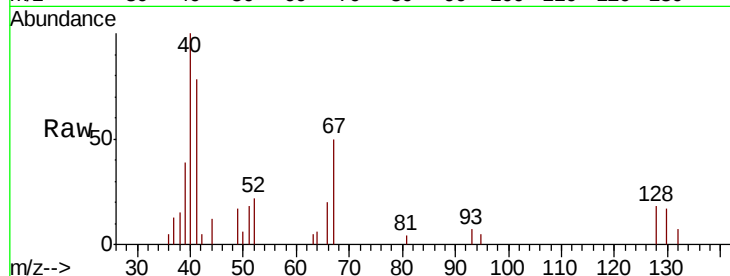
Ion Ratio Lower Upper

41 100

39 54.5 41.6 62.4

67 69.5 55.8 83.6

52 27.4 21.7 32.5

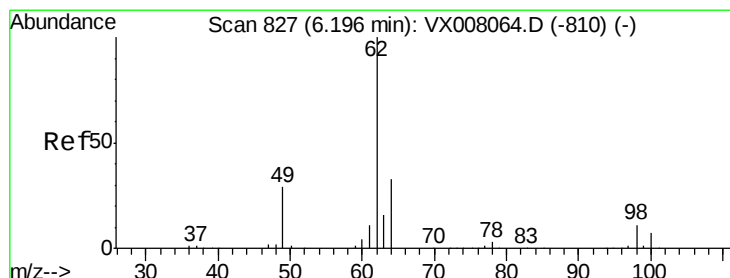
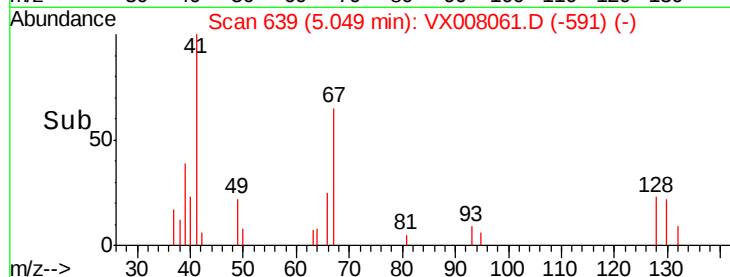
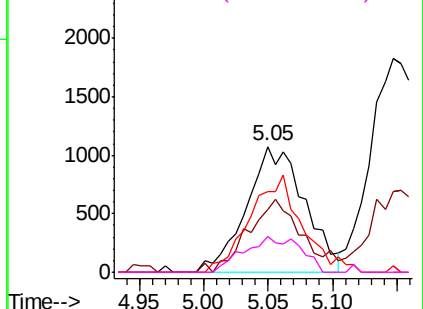


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.011 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008061.D

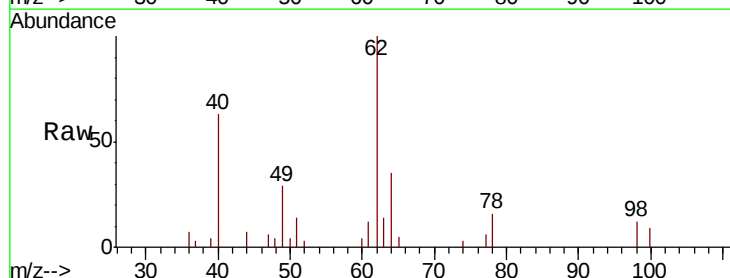
Acq: 14 Mar 2019 09:39

Tgt Ion: 62 Resp: 5146

Ion Ratio Lower Upper

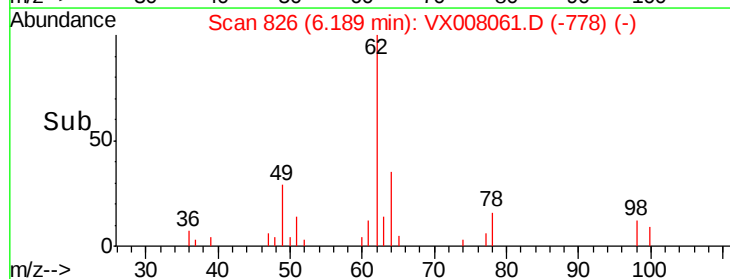
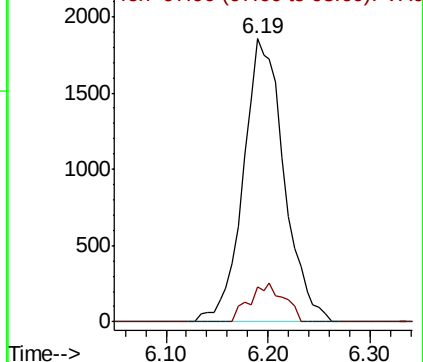
62 100

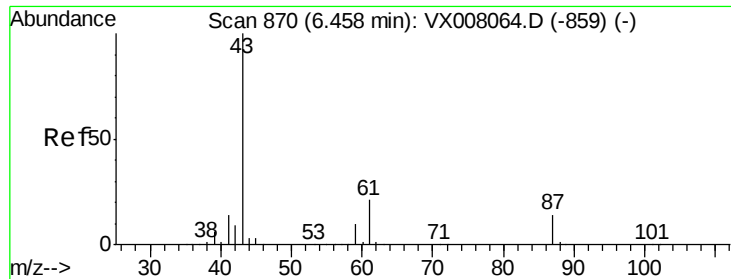
98 11.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.970 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

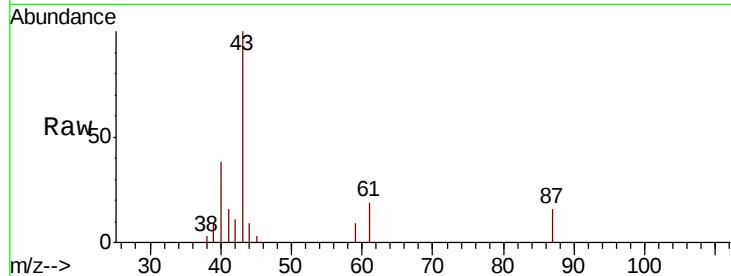
Tgt Ion: 43 Resp: 8958

Ion Ratio Lower Upper

43 100

61 22.4 16.3 24.5

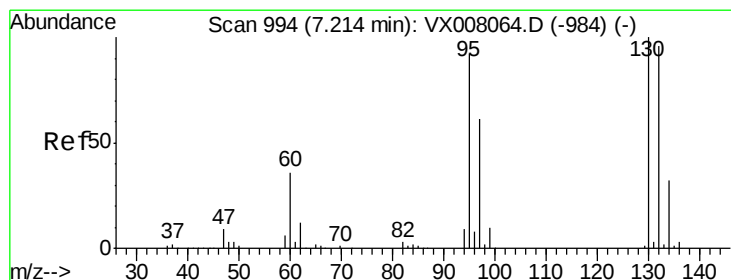
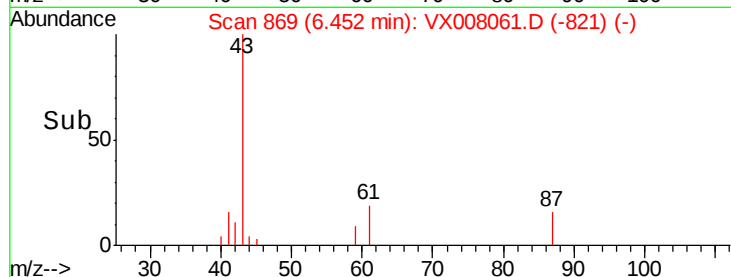
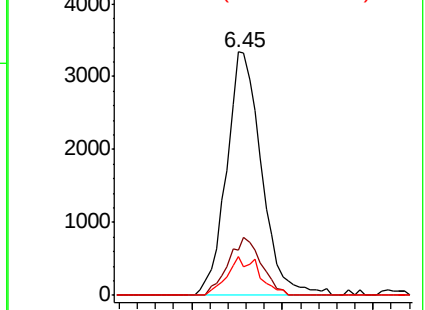
87 14.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.077 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008061.D

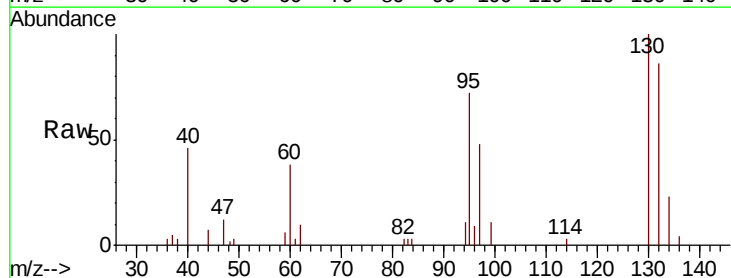
Acq: 14 Mar 2019 09:39

Tgt Ion: 130 Resp: 4883

Ion Ratio Lower Upper

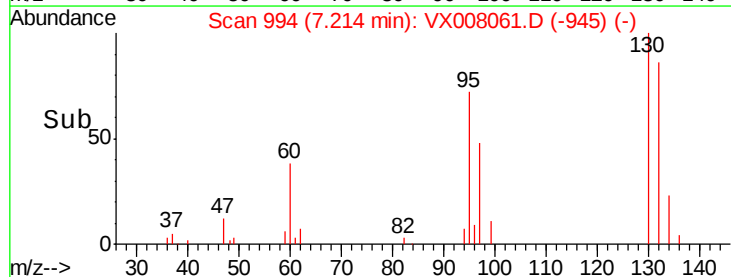
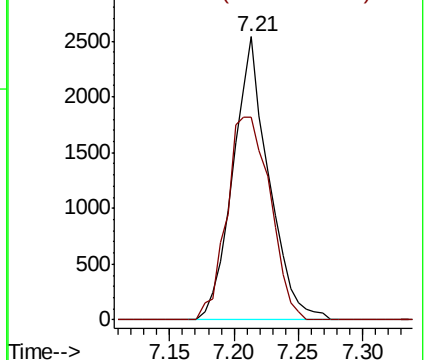
130 100

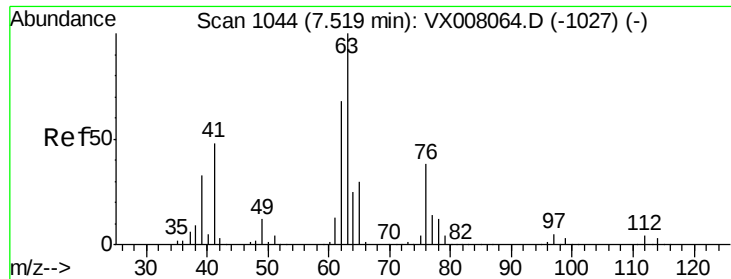
95 71.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

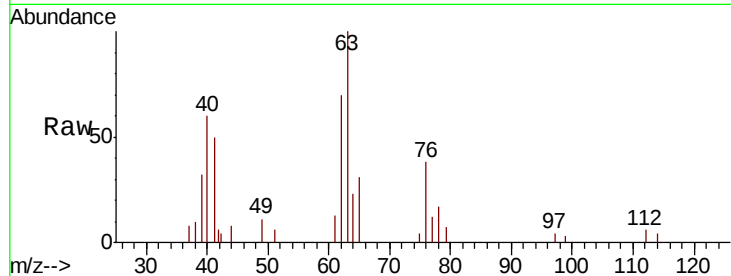




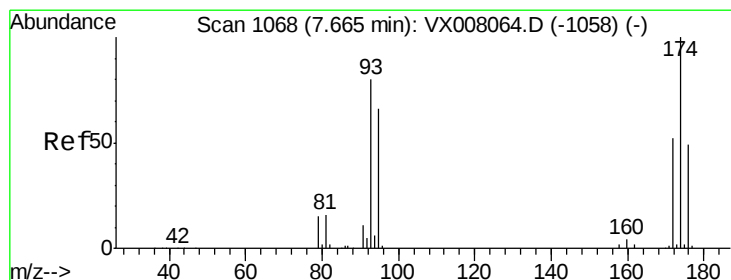
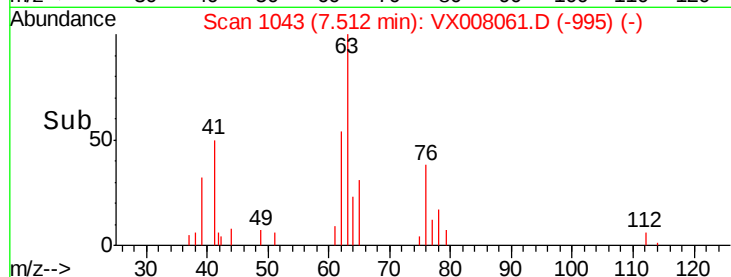
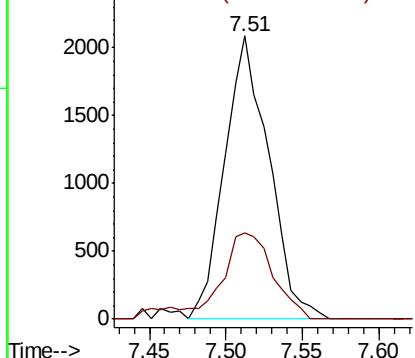
#45
 1,2-Dichloropropane
 Concen: 0.987 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 63 Resp: 4189
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

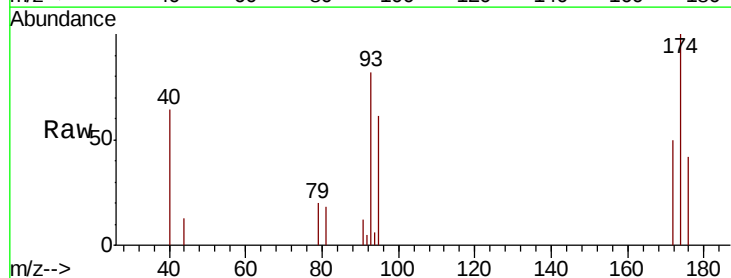


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

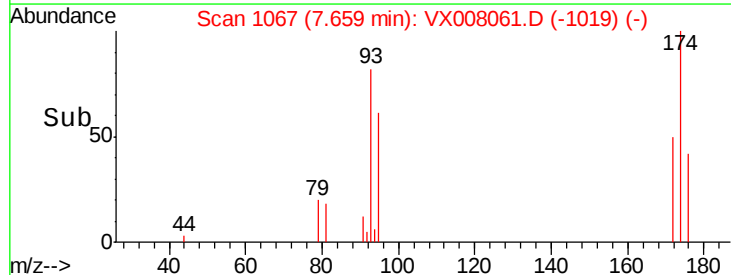
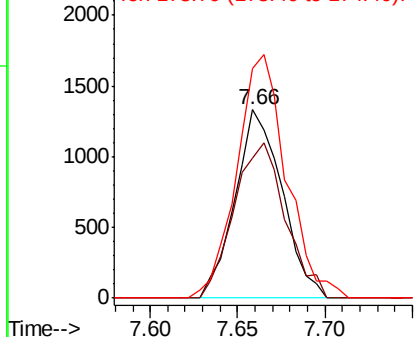


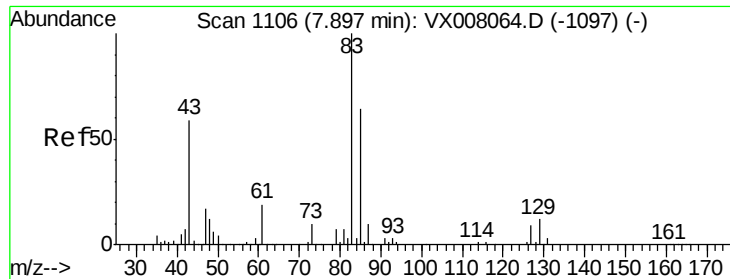
#46
 Dibromomethane
 Concen: 0.924 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 93 Resp: 2485
 Ion Ratio Lower Upper
 93 100
 95 90.2 66.8 100.2
 174 136.8 97.3 145.9



Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V

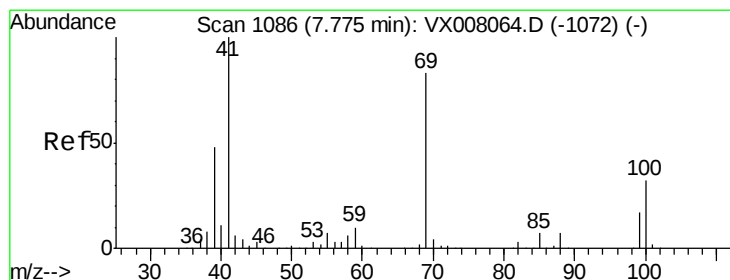
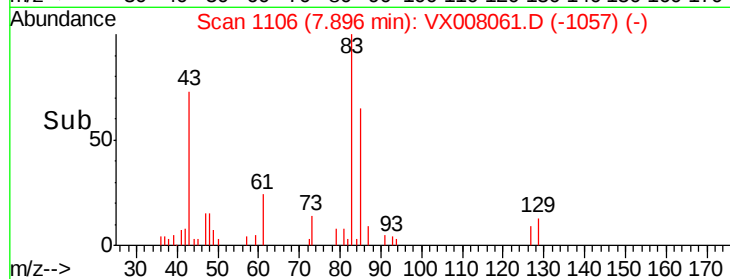
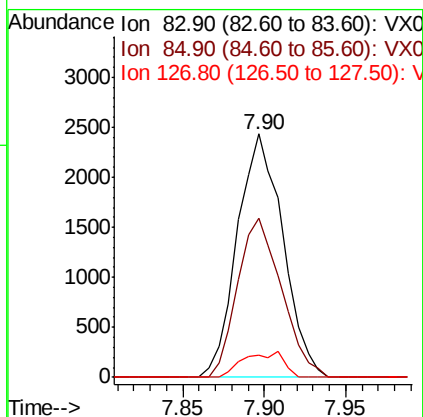
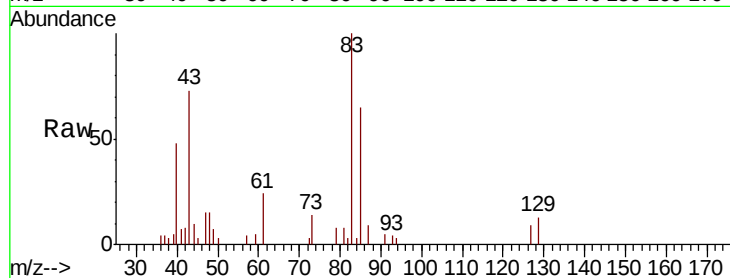




#47
Bromodichloromethane
Concen: 0.926 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

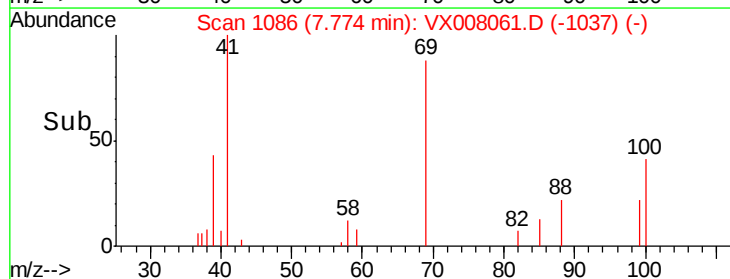
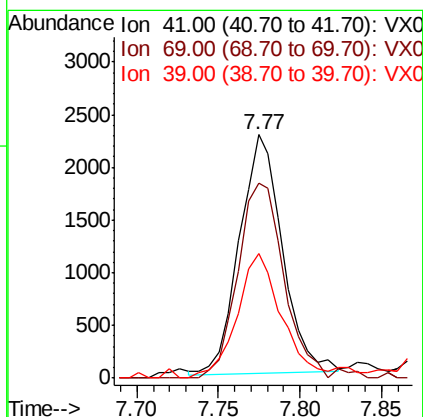
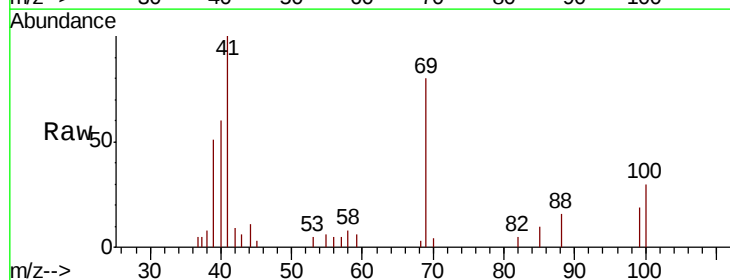
Instrument :
MSVOA_X
ClientSampleId :
BFB

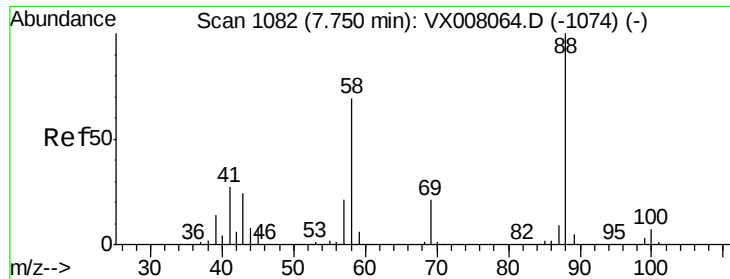
Tgt Ion: 83 Resp: 4722
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 0.848 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 41 Resp: 4187
Ion Ratio Lower Upper
41 100
69 86.8 65.2 97.8
39 53.8 39.4 59.2

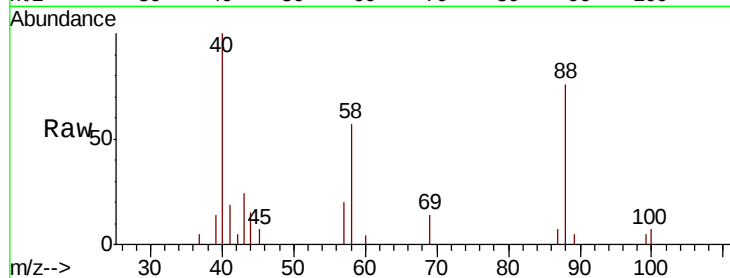




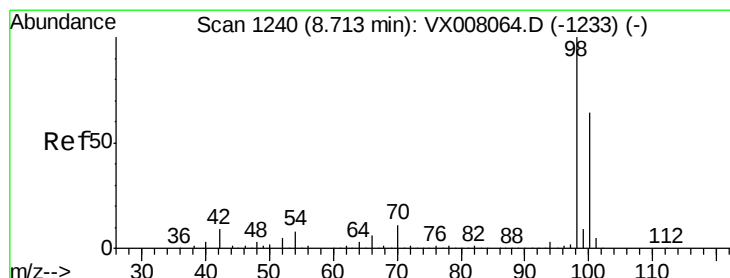
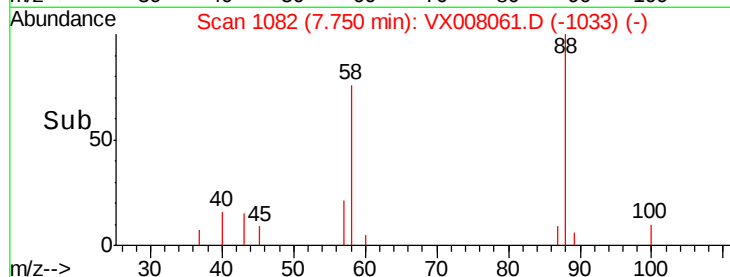
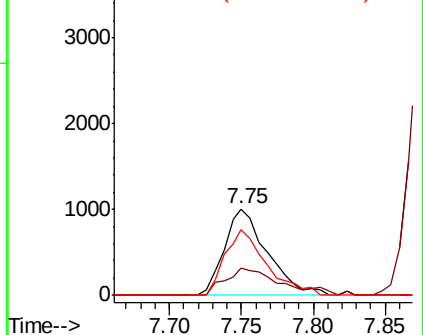
#49
1,4-Dioxane
Concen: 20.407 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 2091
Ion Ratio Lower Upper
88 100
43 35.9 25.1 37.7
58 73.8 57.8 86.6

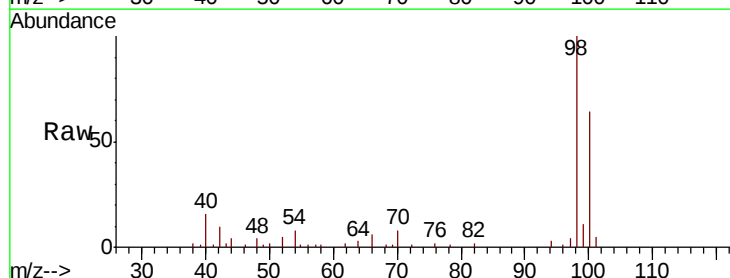


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

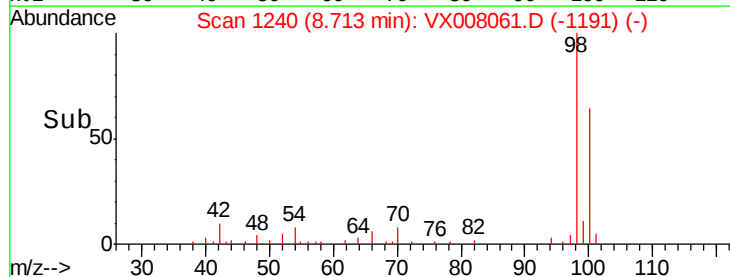
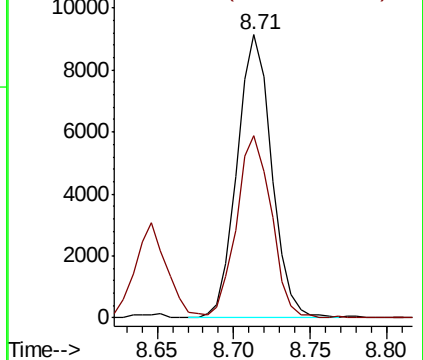


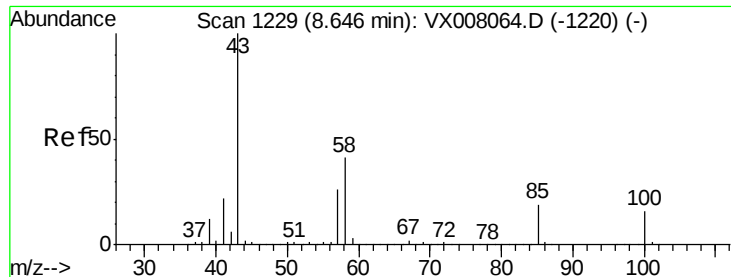
#50
Toluene-d8
Concen: 0.944 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 98 Resp: 14328
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

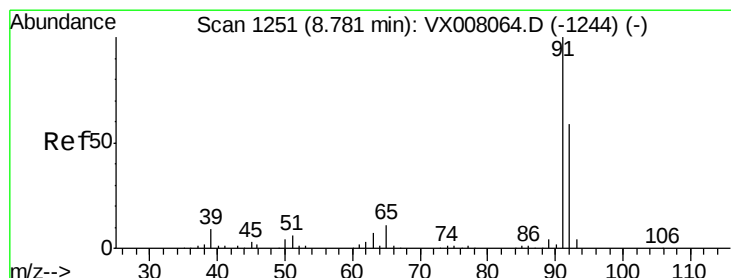
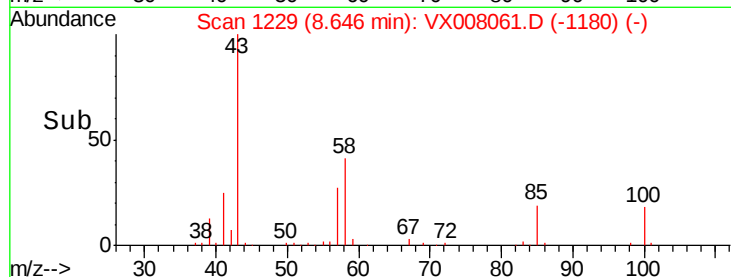
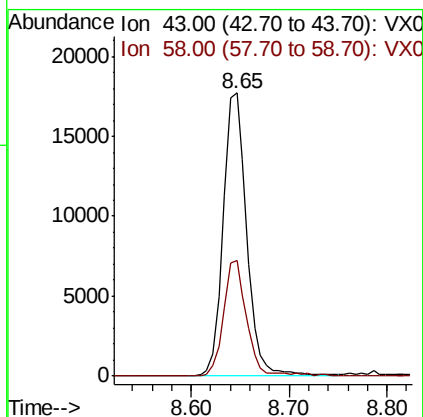
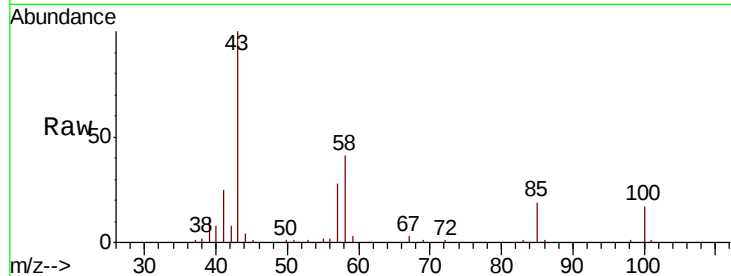




#51
 4-Methyl-2-Pentanone
 Concen: 4.905 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

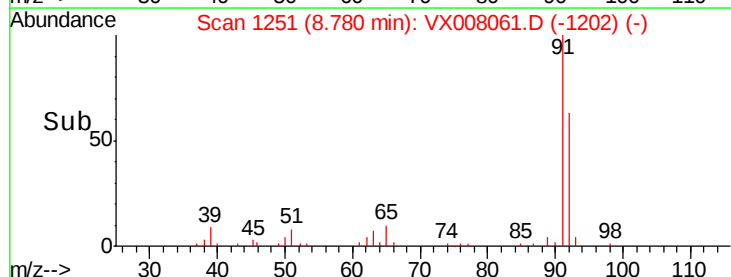
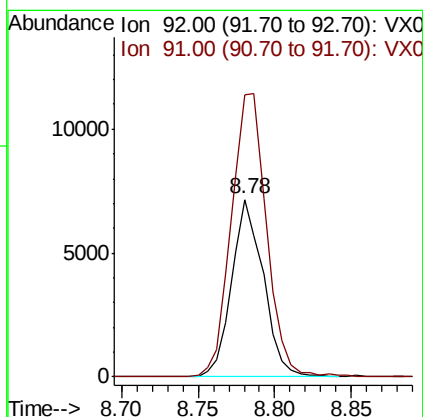
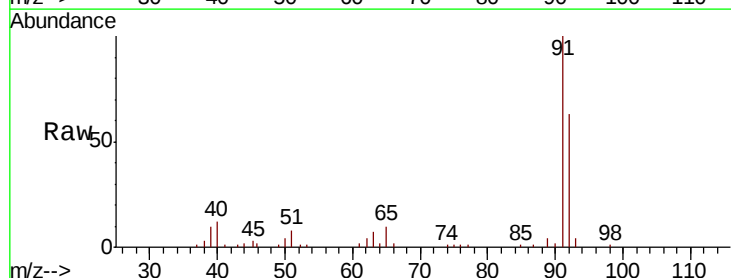
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

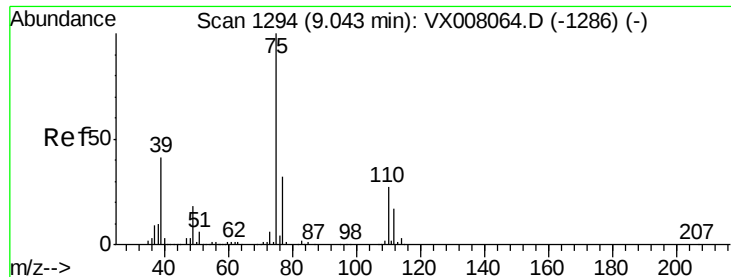
Tgt Ion: 43 Resp: 29699
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.3 46.9



#52
 Toluene
 Concen: 1.007 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 92 Resp: 10278
 Ion Ratio Lower Upper
 92 100
 91 178.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 0.827 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

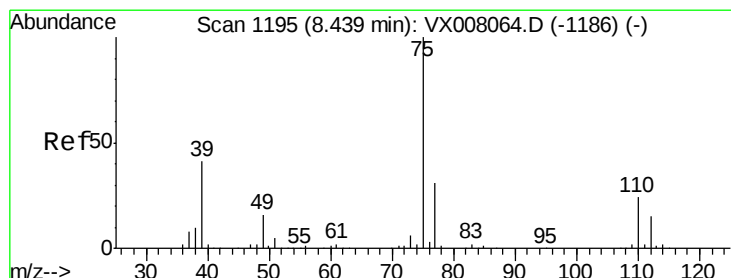
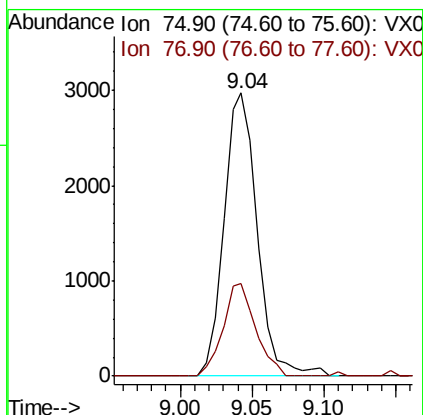
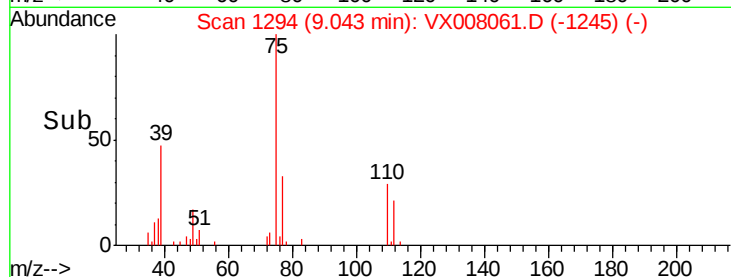
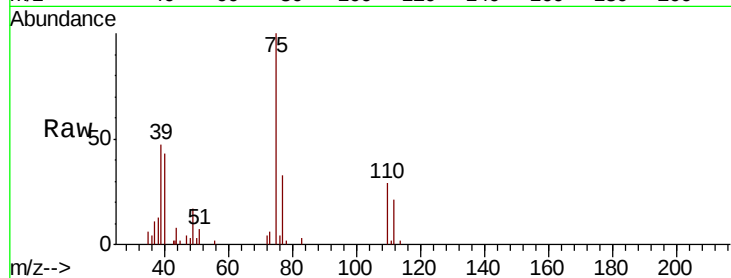
BFB

Tgt Ion: 75 Resp: 4801

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.813 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

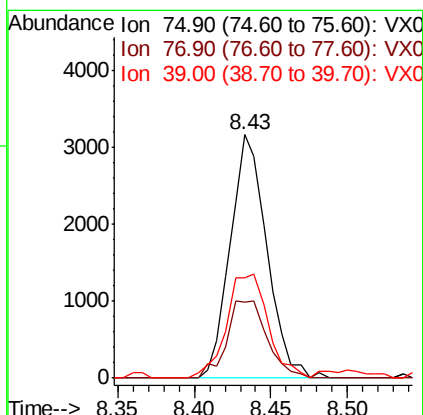
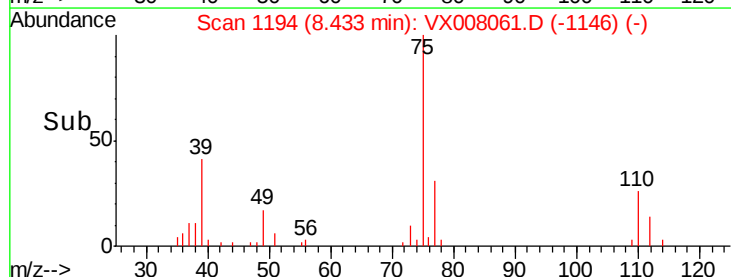
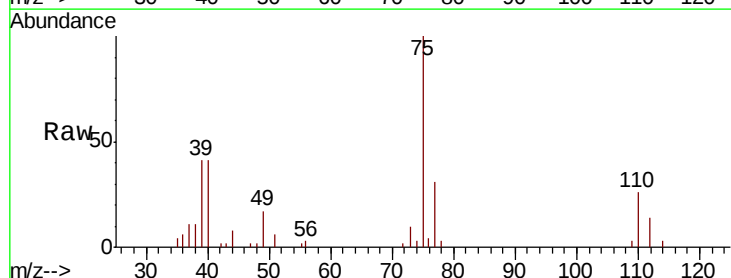
Tgt Ion: 75 Resp: 5256

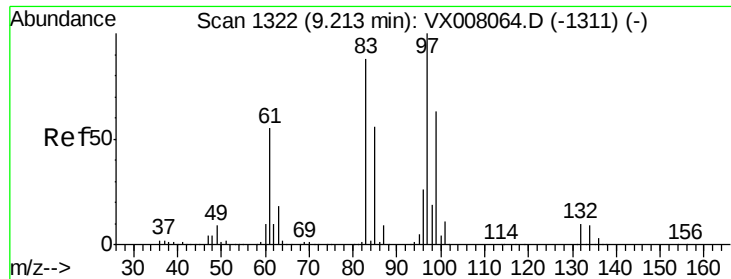
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 41.4 36.6 54.8

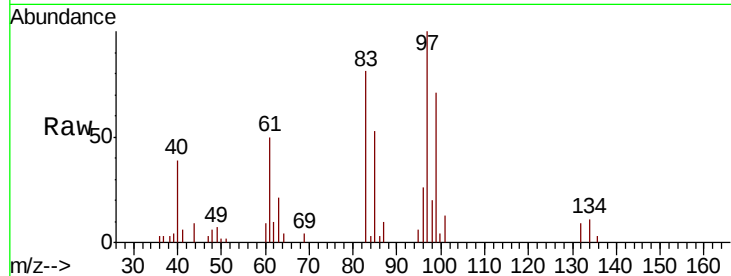




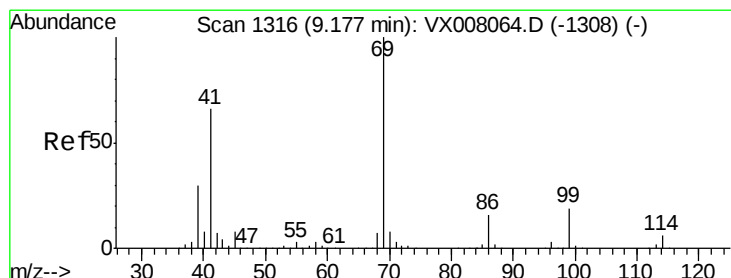
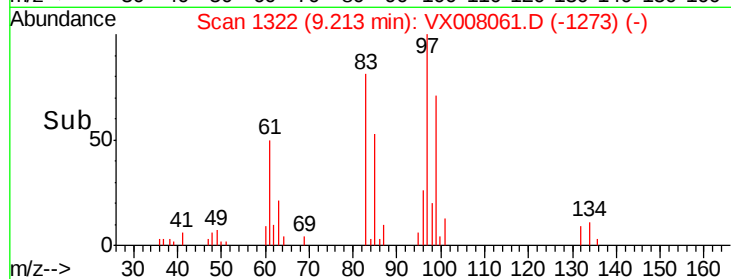
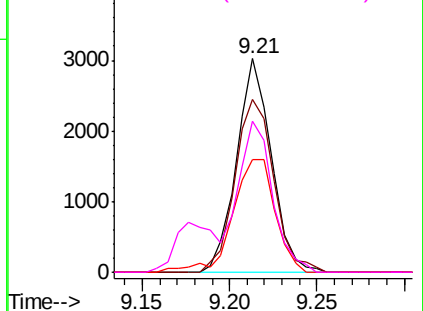
#55
 1,1,2-Trichloroethane
 Concen: 1.017 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 97 Resp: 4185
 Ion Ratio Lower Upper
 97 100
 83 80.8 69.1 103.7
 85 52.7 44.3 66.5
 99 70.6 49.8 74.8

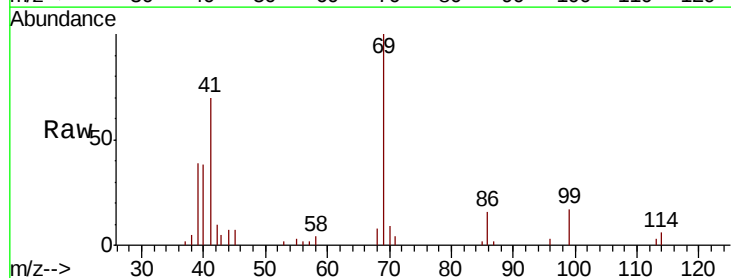


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

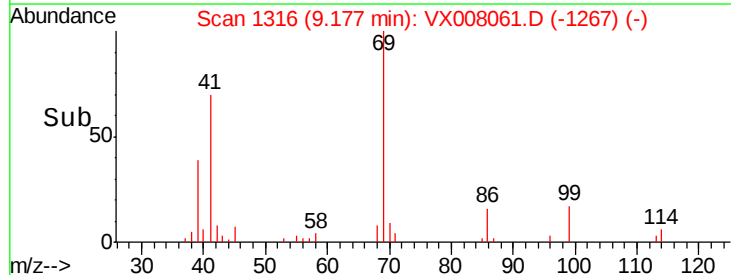
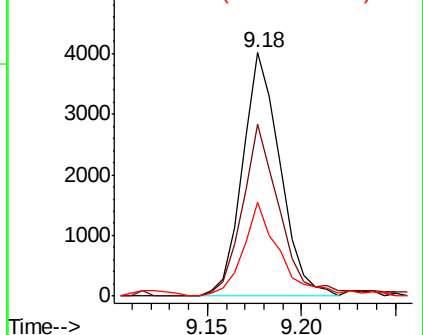


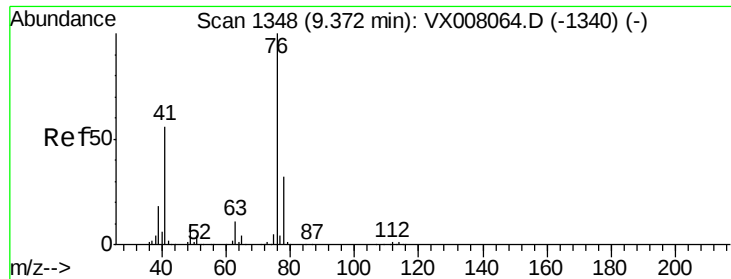
#56
 Ethyl methacrylate
 Concen: 0.877 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 69 Resp: 5544
 Ion Ratio Lower Upper
 69 100
 41 70.3 54.2 81.4
 39 38.8 25.0 37.4#



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





#57

1,3-Dichloropropane

Concen: 1.056 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

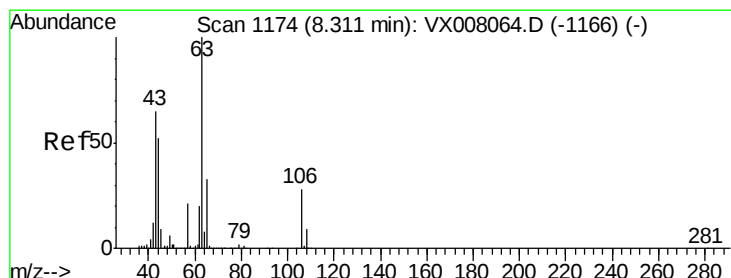
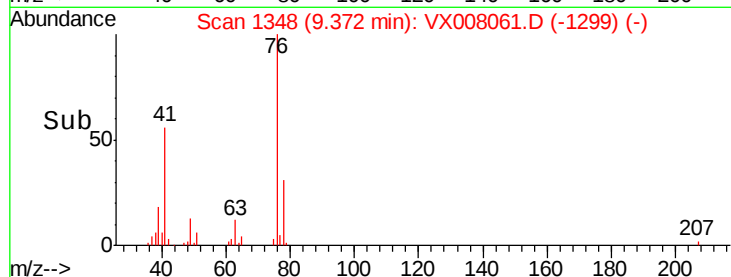
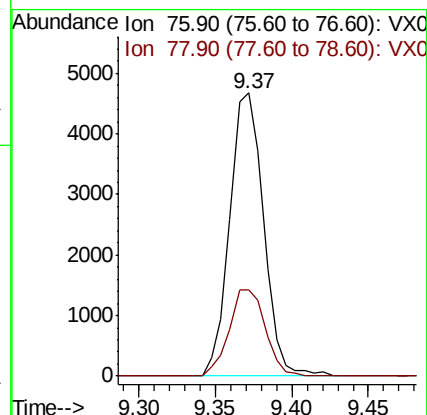
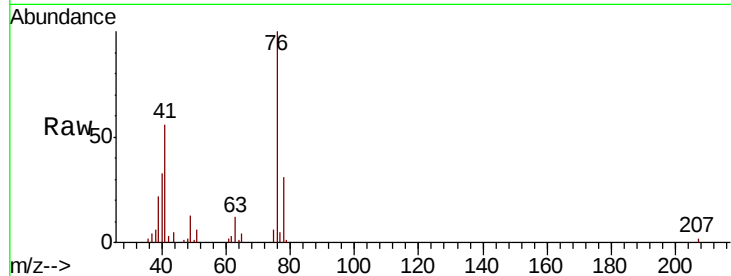
BFB

Tgt Ion: 76 Resp: 7169

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 5.280 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008061.D

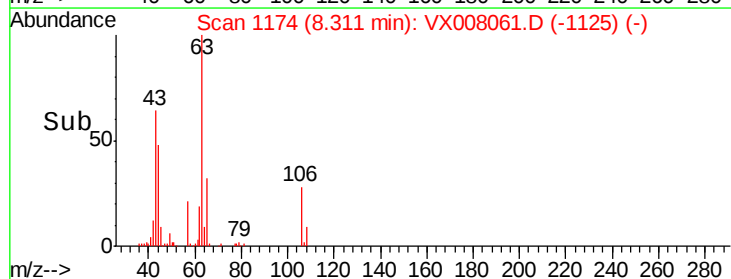
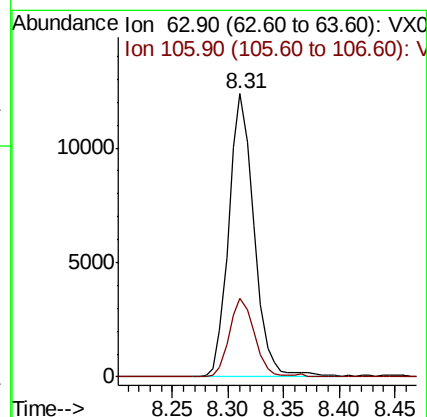
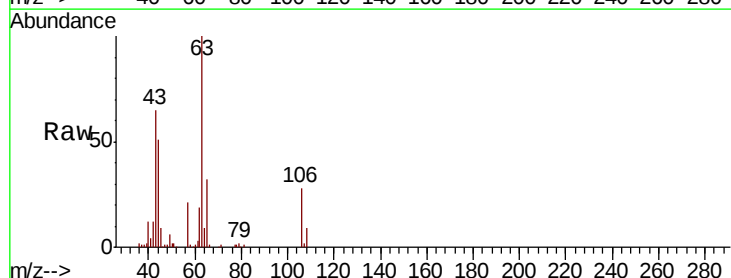
Acq: 14 Mar 2019 09:39

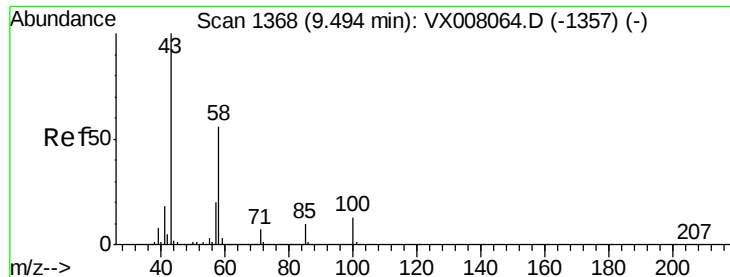
Tgt Ion: 63 Resp: 19477

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2

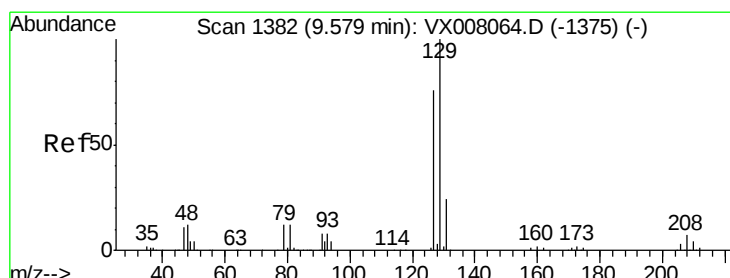
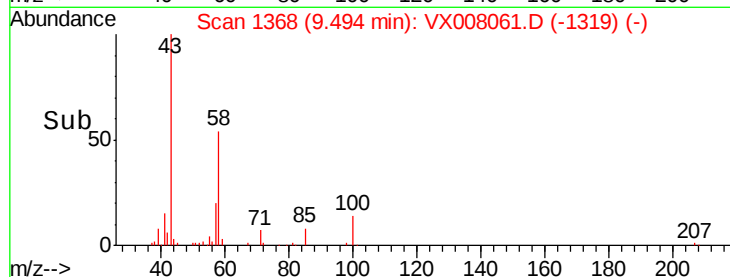
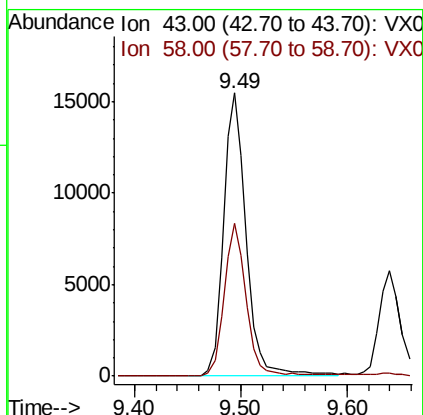
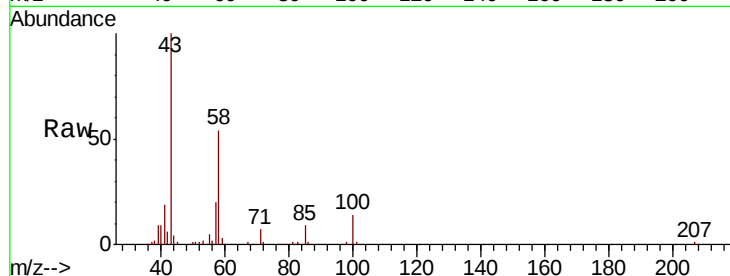




#59
2-Hexanone
Concen: 4.929 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

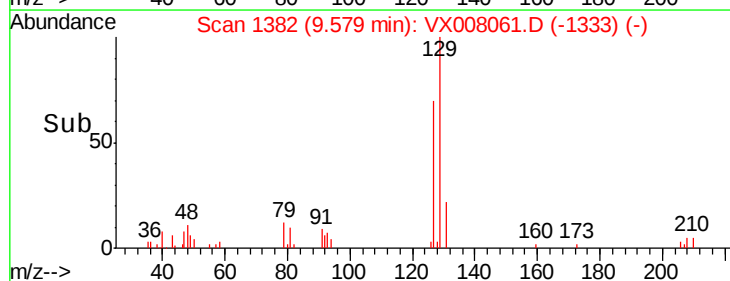
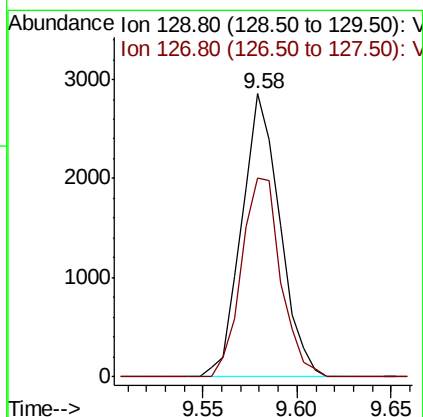
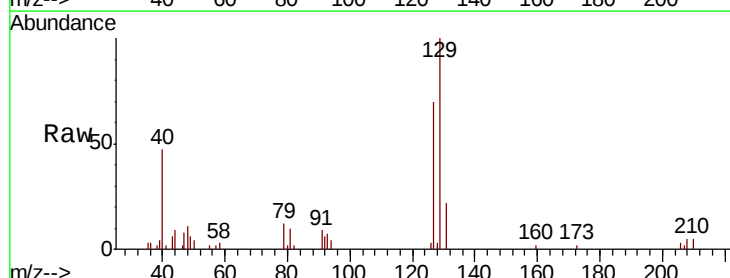
Instrument :
MSVOA_X
ClientSampleId :
BFB

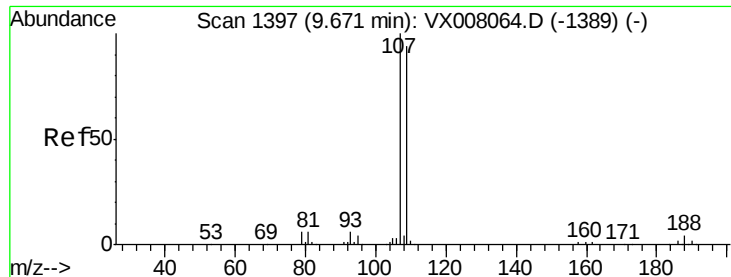
Tgt Ion: 43 Resp: 22959
Ion Ratio Lower Upper
43 100
58 52.6 27.6 82.7



#60
Dibromochloromethane
Concen: 0.908 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 129 Resp: 4012
Ion Ratio Lower Upper
129 100
127 72.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 0.936 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

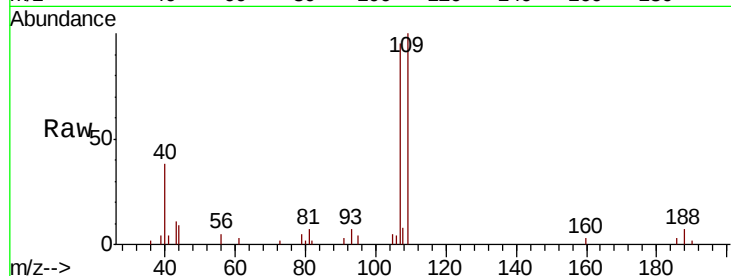
BFB

Tgt Ion: 107 Resp: 4169

Ion Ratio Lower Upper

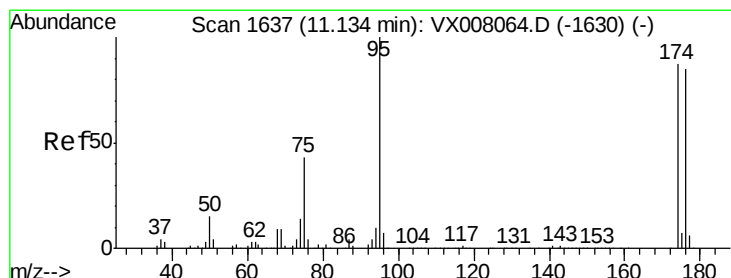
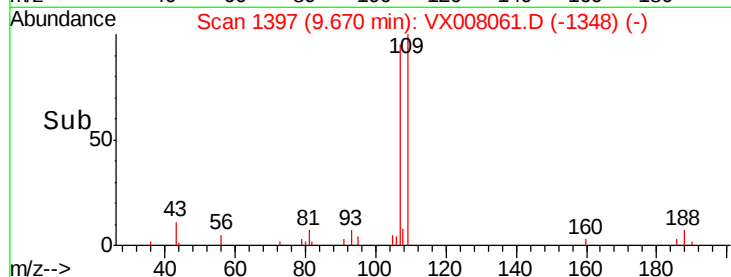
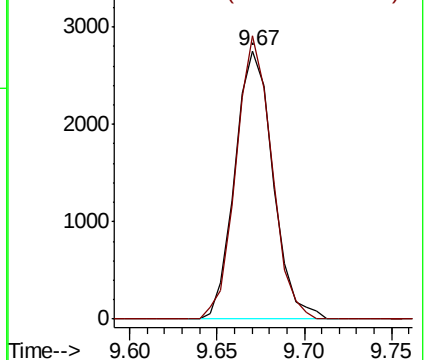
107 100

109 99.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

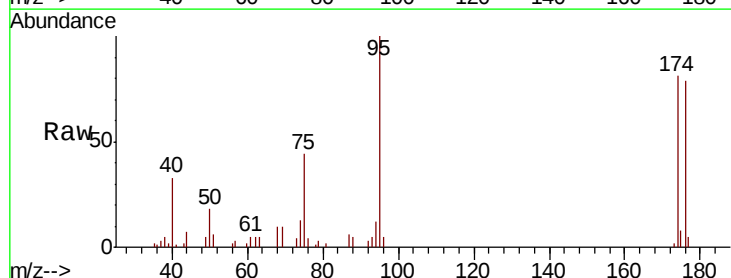
Tgt Ion: 95 Resp: 4877

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.8

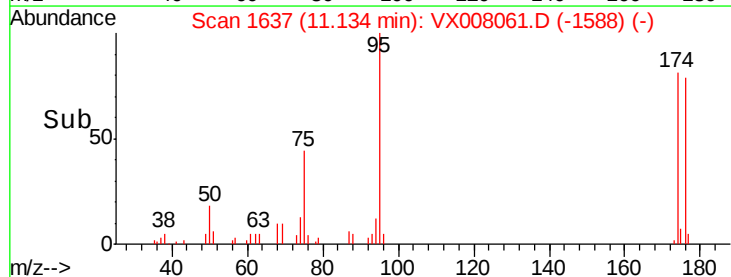
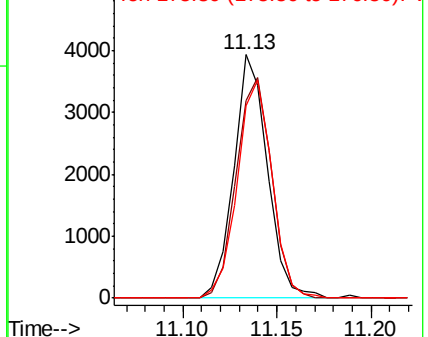
176 92.6 0.0 178.0

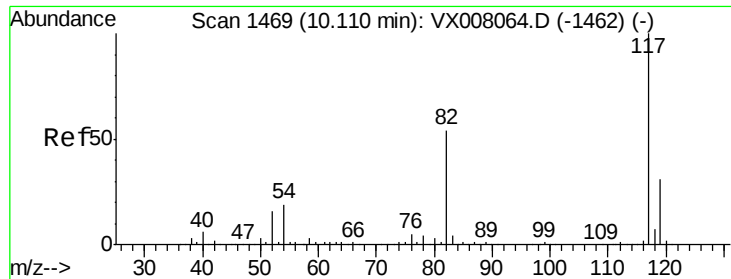


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

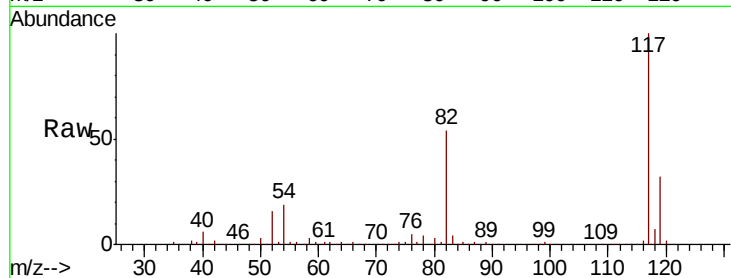




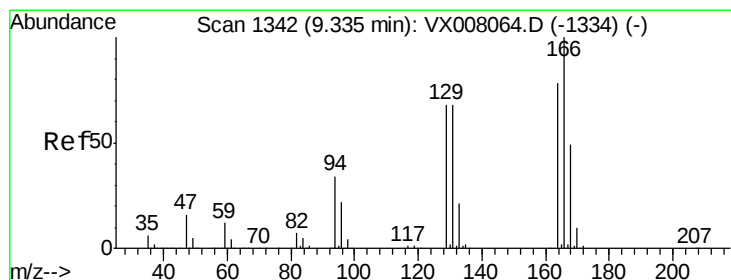
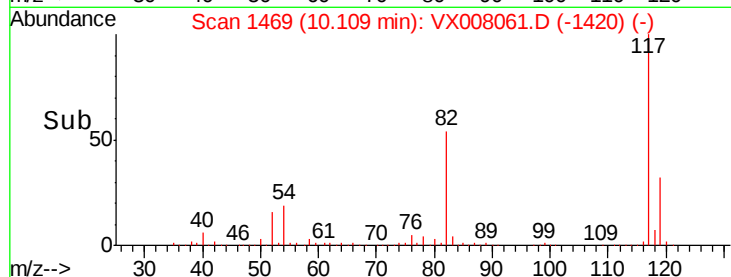
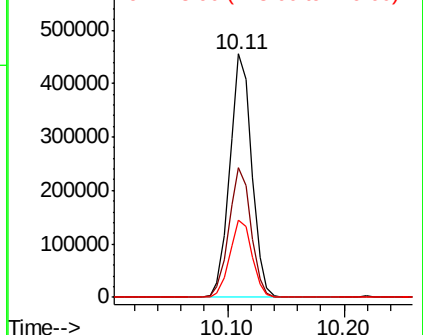
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:117 Resp: 598367
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.9 25.3 37.9



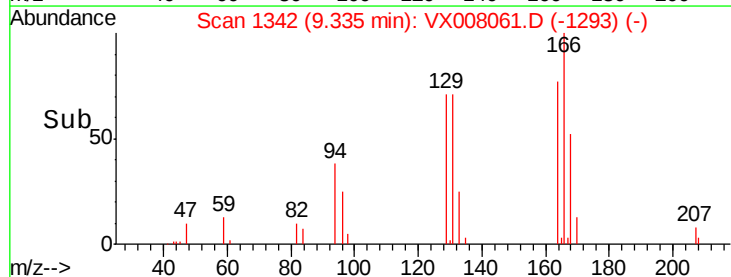
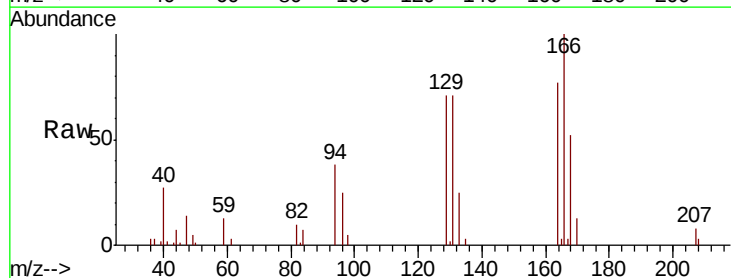
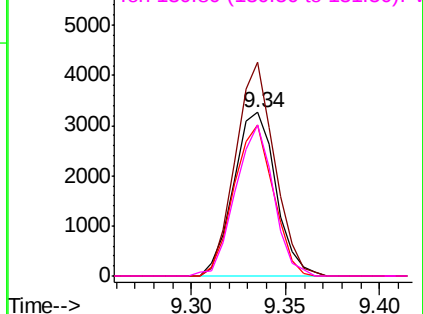
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

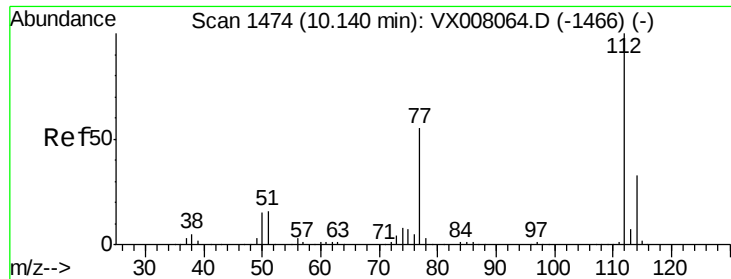


#64
Tetrachloroethene
Concen: 1.085 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:164 Resp: 5086
Ion Ratio Lower Upper
164 100
166 130.5 103.4 155.0
129 92.1 72.2 108.4
131 92.4 69.4 104.2

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





#65

Chlorobenzene

Concen: 1.044 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

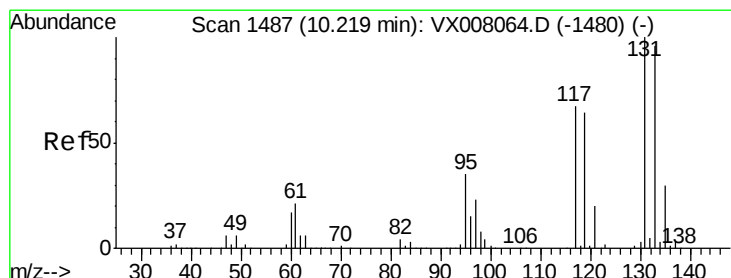
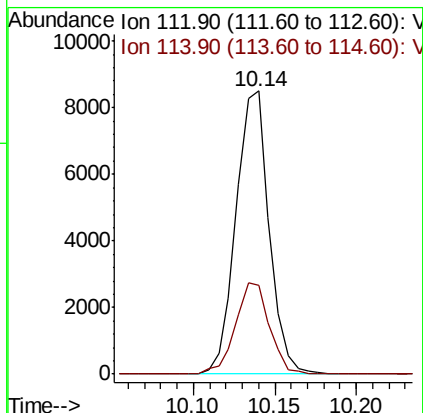
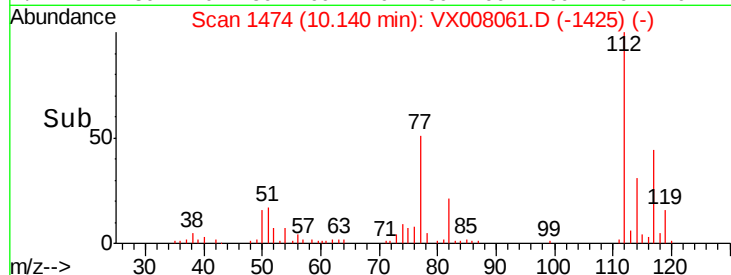
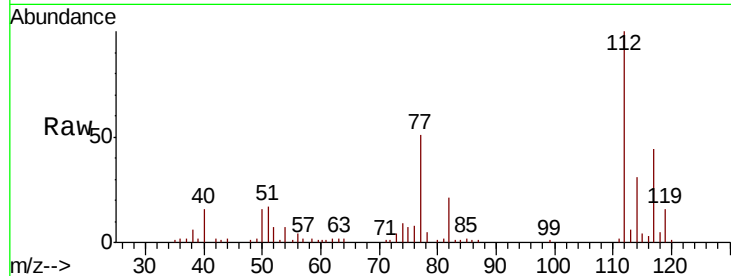
BFB

Tgt Ion:112 Resp: 12048

Ion Ratio Lower Upper

112 100

114 31.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 0.883 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

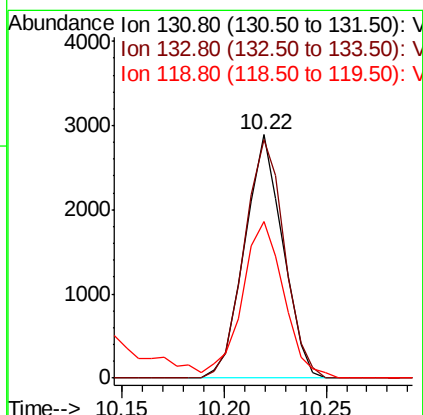
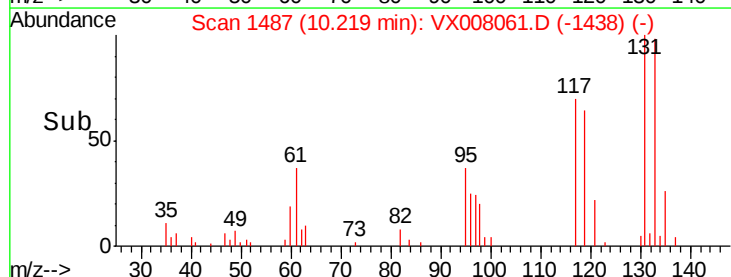
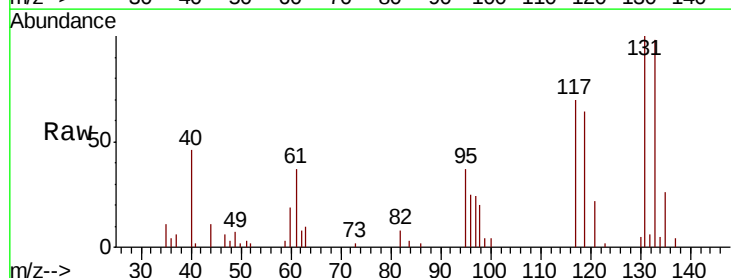
Tgt Ion:131 Resp: 3770

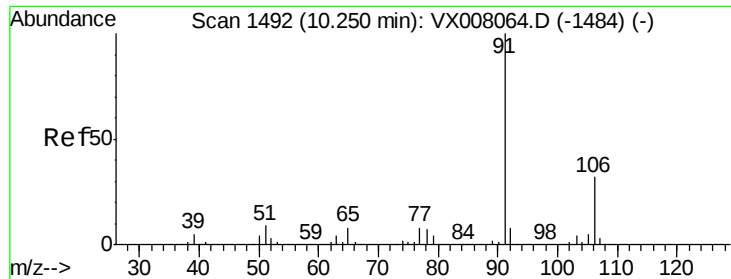
Ion Ratio Lower Upper

131 100

133 103.1 47.8 143.3

119 0.0 32.5 97.5#





#67

Ethyl Benzene

Concen: 0.939 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

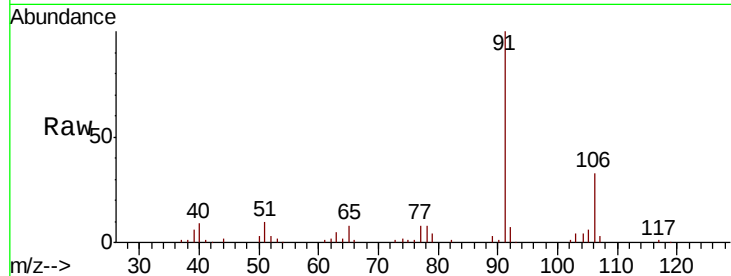
BFB

Tgt Ion: 91 Resp: 18359

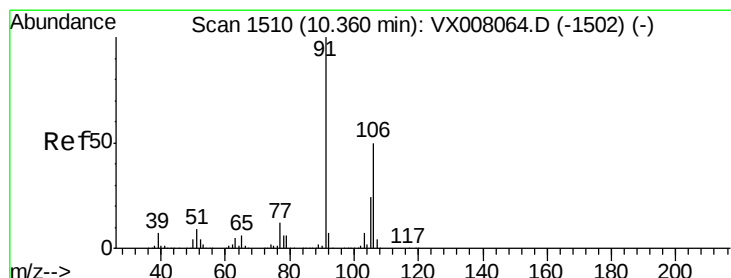
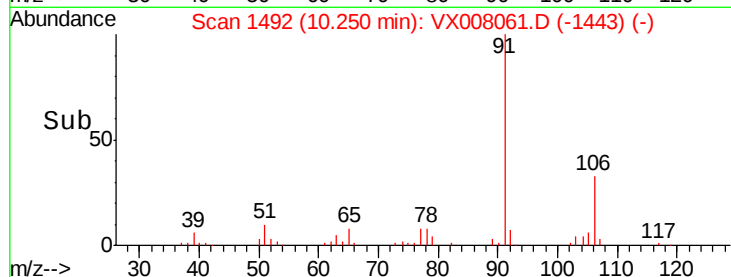
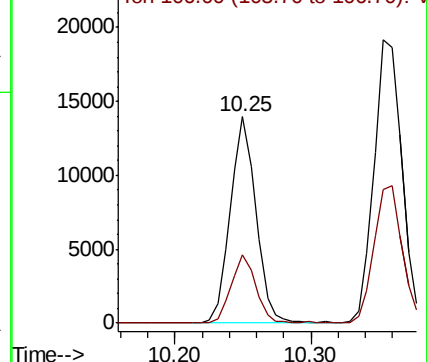
Ion Ratio Lower Upper

91 100

106 32.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX008061.D (-1484) (-)



#68

m/p-Xylenes

Concen: 1.796 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008061.D

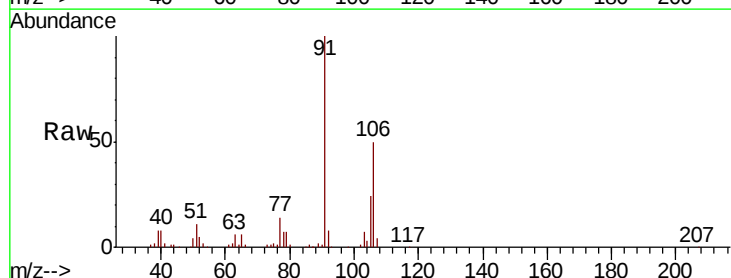
Acq: 14 Mar 2019 09:39

Tgt Ion: 106 Resp: 13531

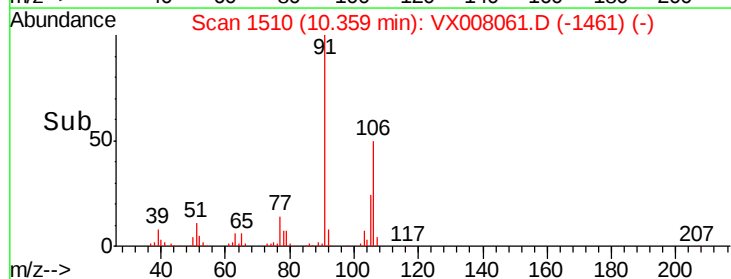
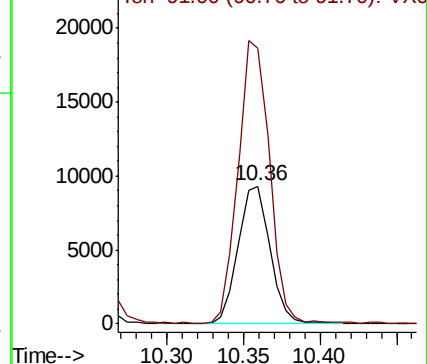
Ion Ratio Lower Upper

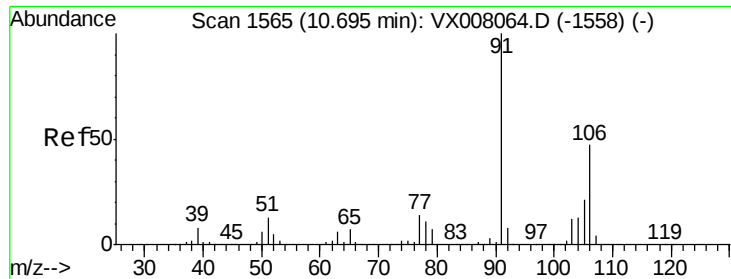
106 100

91 203.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX008061.D (-1502) (-)

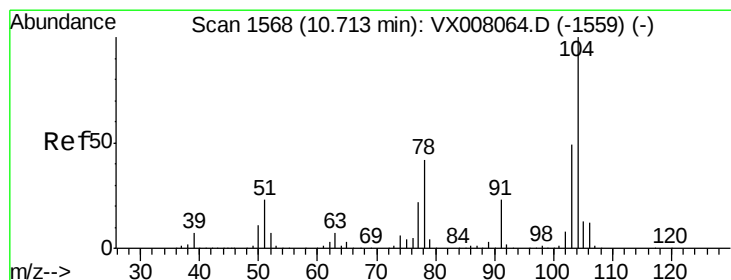
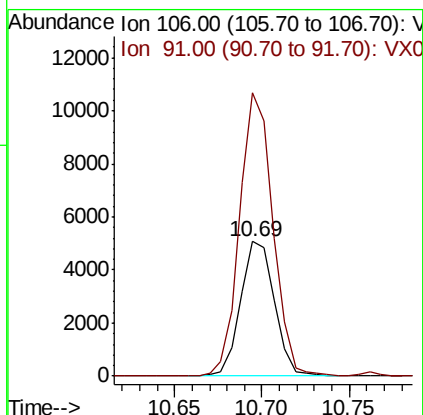
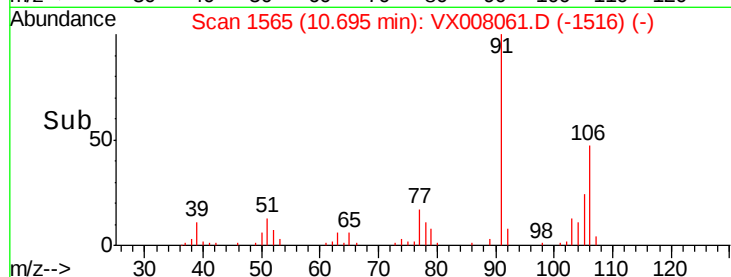
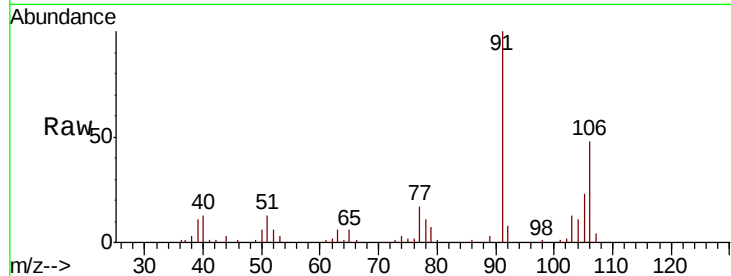




#69
o-Xylene
Concen: 0.931 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

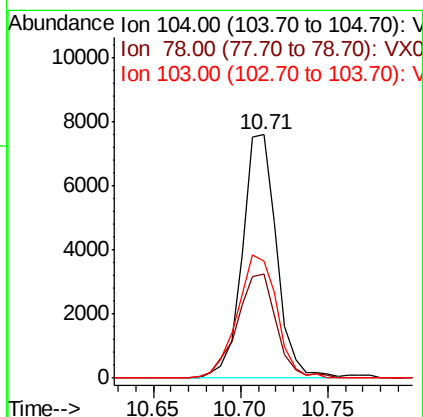
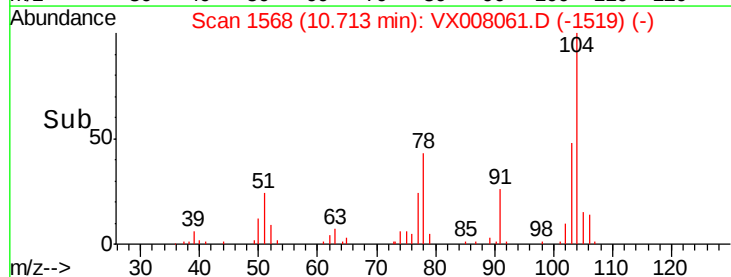
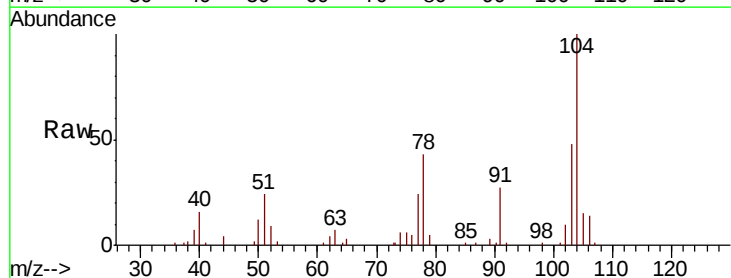
Instrument :
MSVOA_X
ClientSampleId :
BFB

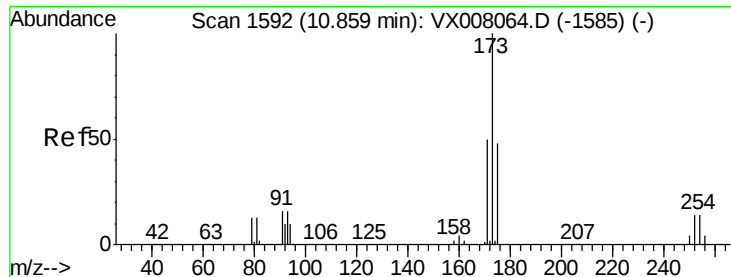
Tgt Ion:106 Resp: 6814
Ion Ratio Lower Upper
106 100
91 207.0 106.3 318.9



#70
Styrene
Concen: 0.854 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:104 Resp: 10350
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 58.5 44.1 66.1





#71

Bromoform

Concen: 0.784 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

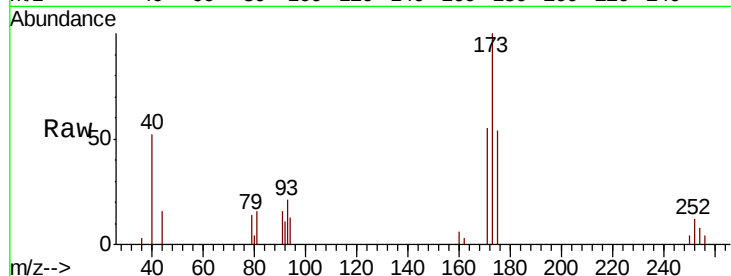
Tgt Ion:173 Resp: 2822

Ion Ratio Lower Upper

173 100

175 51.7 24.3 72.9

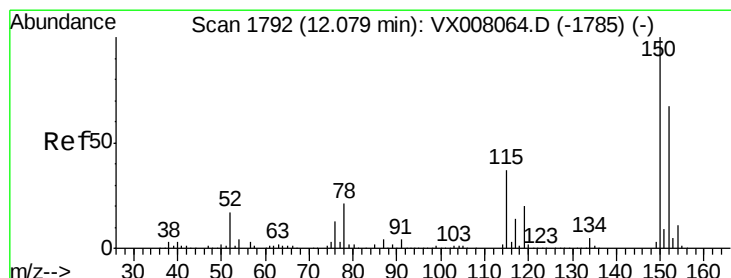
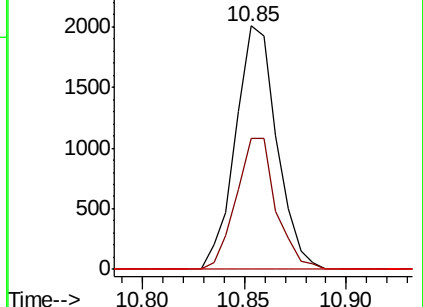
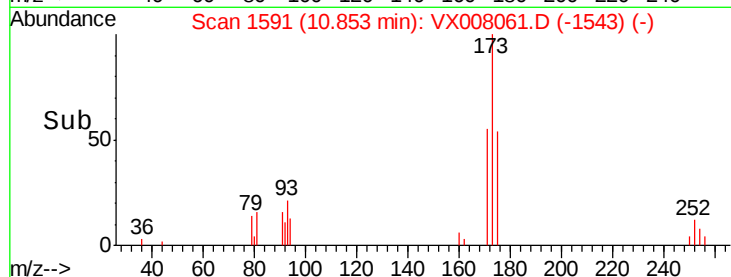
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

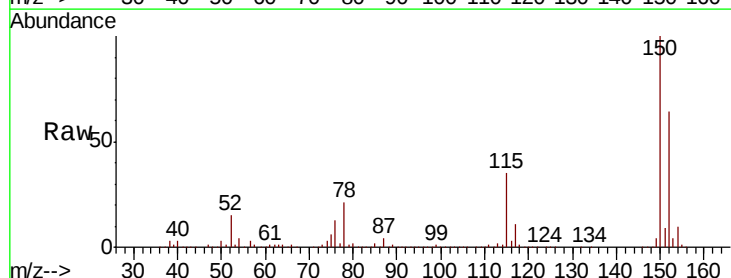
Tgt Ion:152 Resp: 289486

Ion Ratio Lower Upper

152 100

115 55.2 38.6 115.7

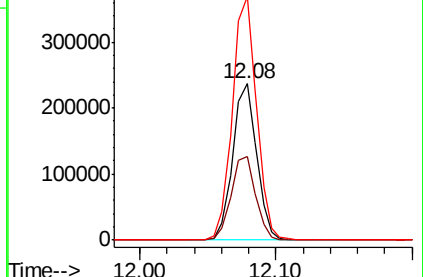
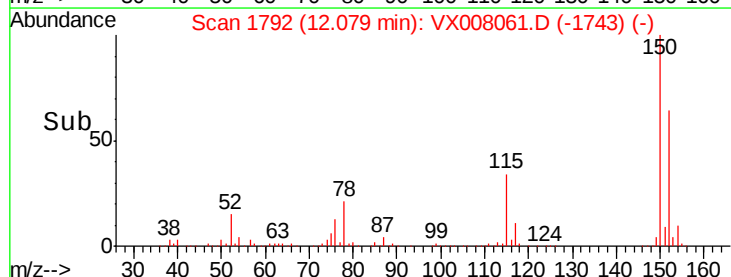
150 156.7 0.0 348.4

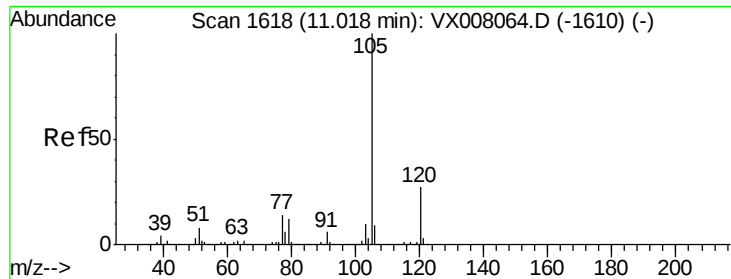


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.948 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

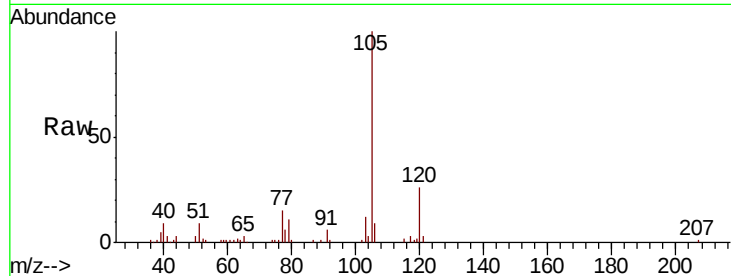
BFB

Tgt Ion: 105 Resp: 17519

Ion Ratio Lower Upper

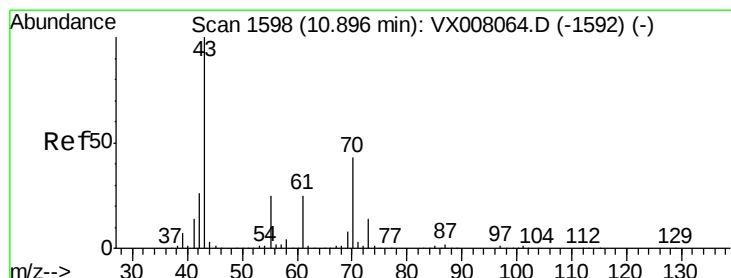
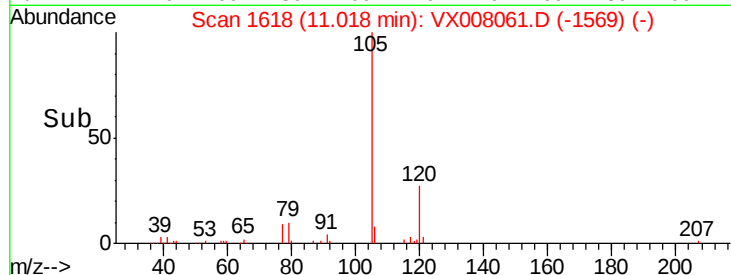
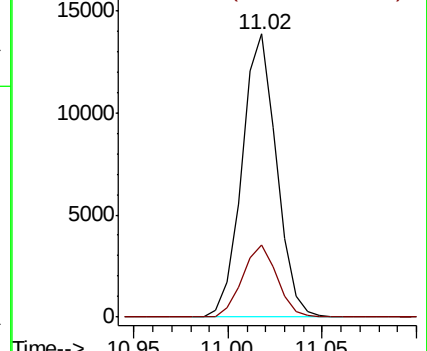
105 100

120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.922 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Tgt Ion: 43 Resp: 7132

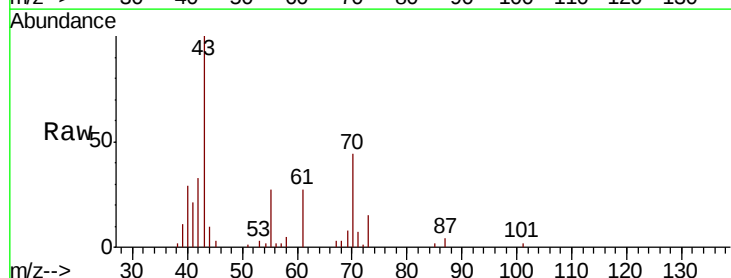
Ion Ratio Lower Upper

43 100

70 41.0 33.5 50.3

55 28.4 19.2 28.8

61 24.9 19.0 28.6

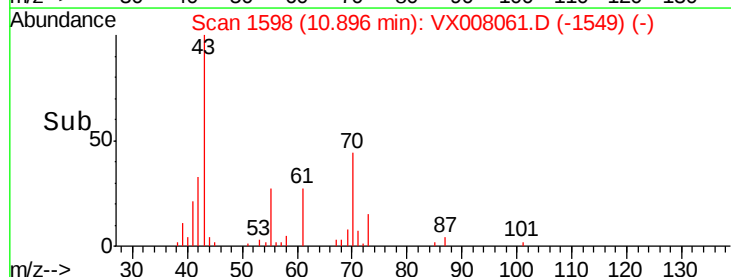
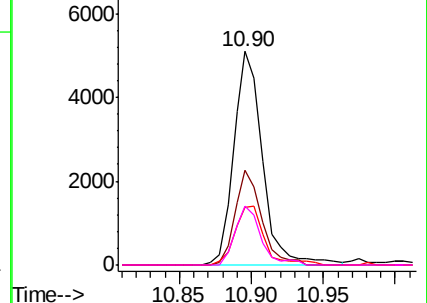


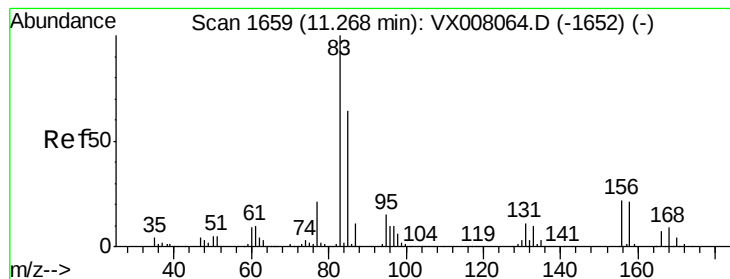
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.089 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

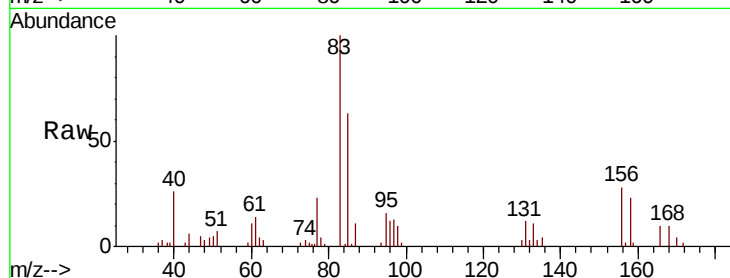
Tgt Ion: 83 Resp: 6273

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

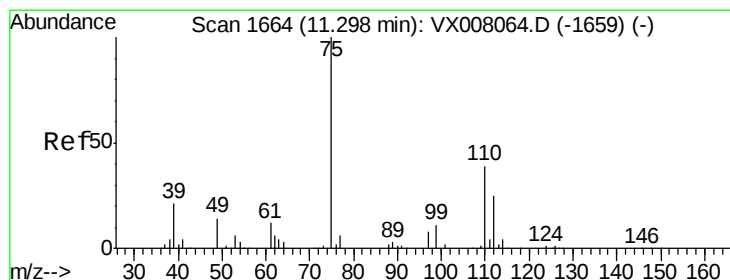
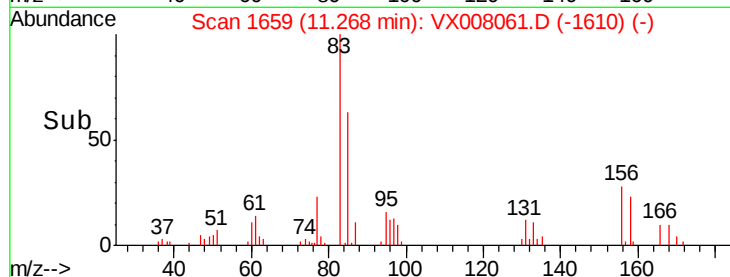
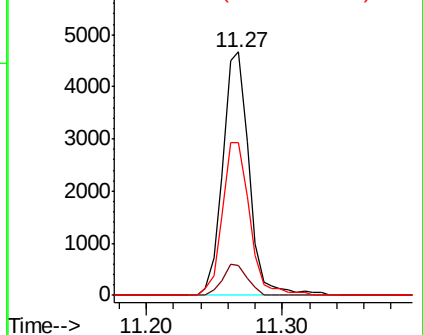
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.442 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008061.D

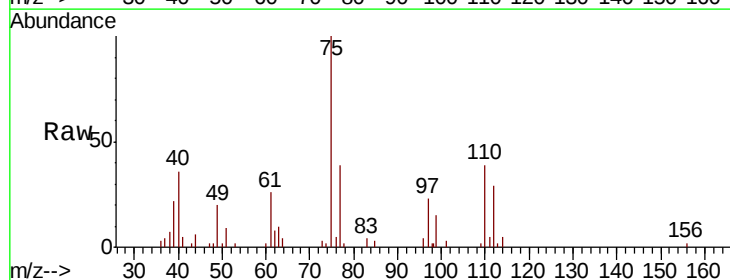
Acq: 14 Mar 2019 09:39

Tgt Ion: 75 Resp: 7022

Ion Ratio Lower Upper

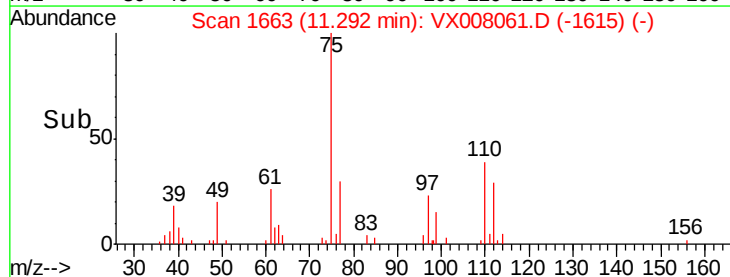
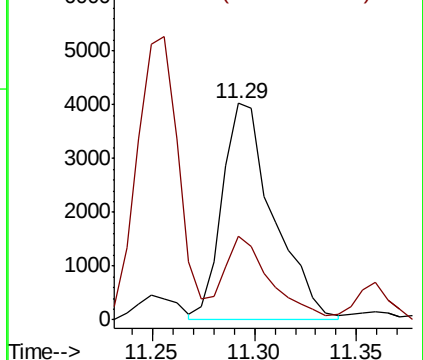
75 100

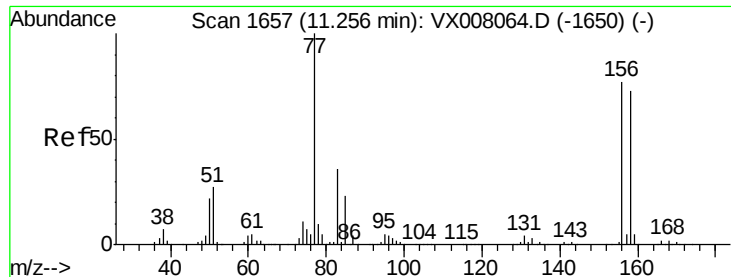
77 35.4 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.021 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

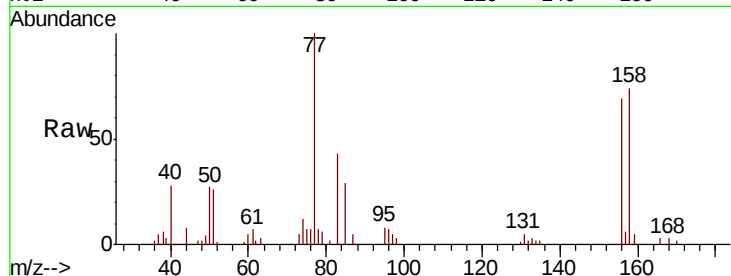
Tgt Ion:156 Resp: 5044

Ion Ratio Lower Upper

156 100

77 146.4 72.0 215.9

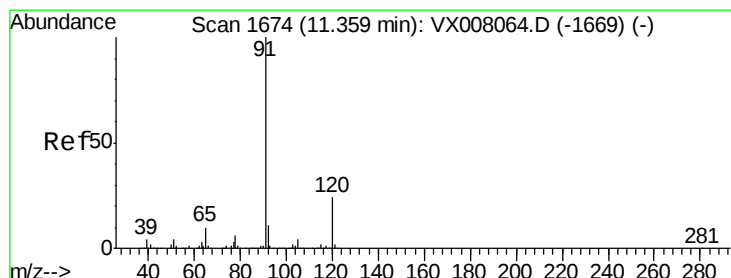
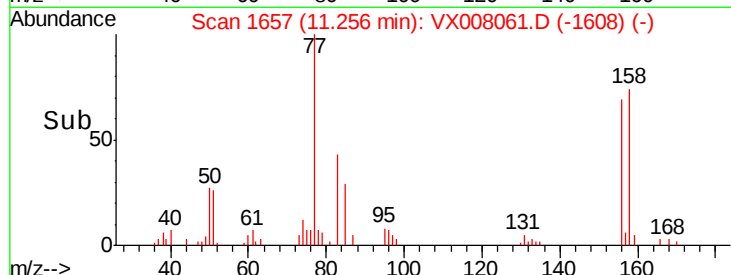
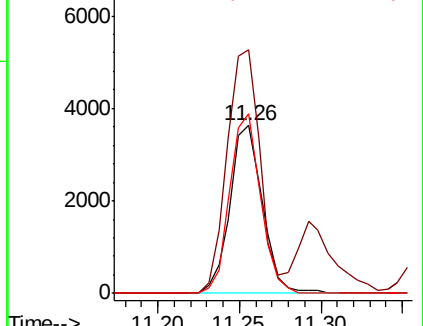
158 100.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.878 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008061.D

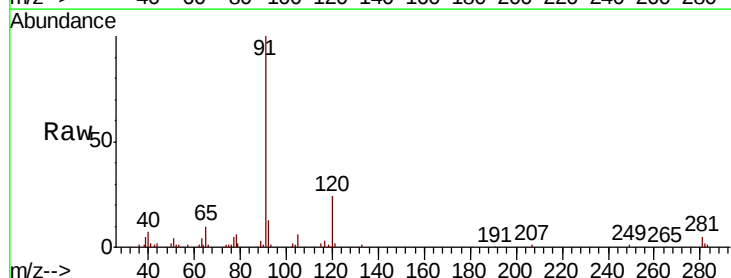
Acq: 14 Mar 2019 09:39

Tgt Ion: 91 Resp: 18136

Ion Ratio Lower Upper

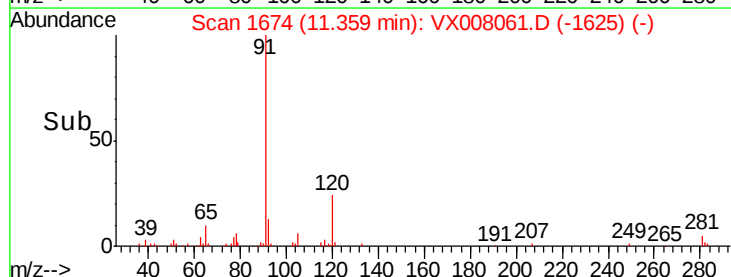
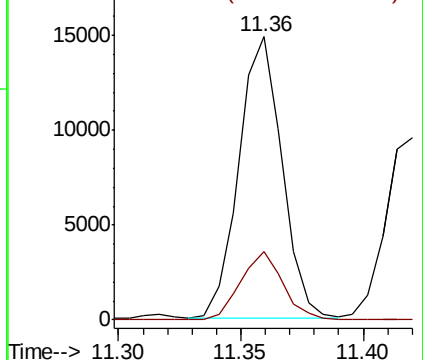
91 100

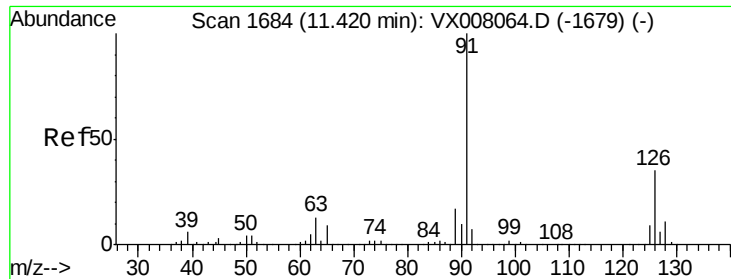
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

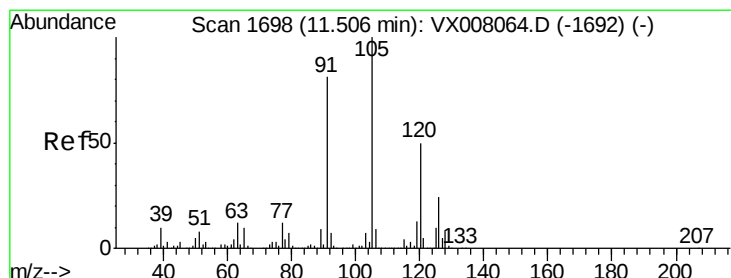
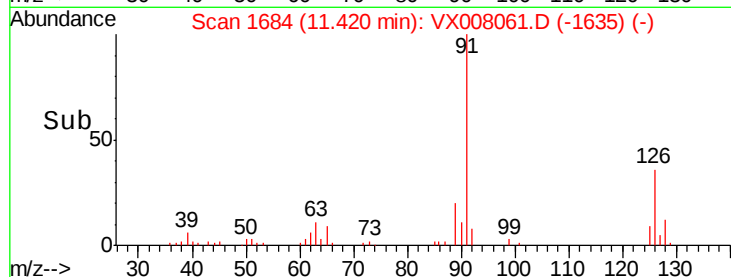
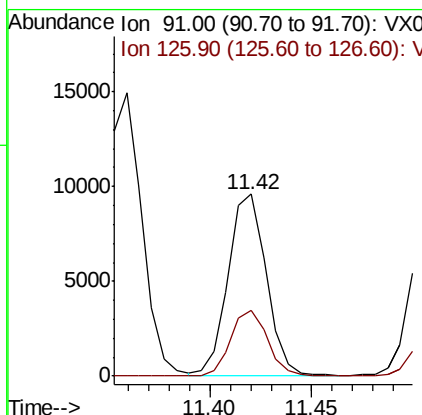
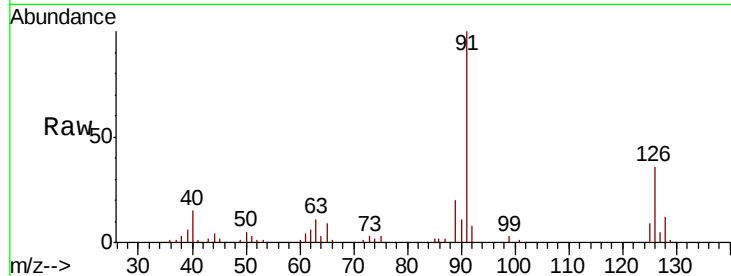




#79
 2-Chlorotoluene
 Concen: 1.008 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

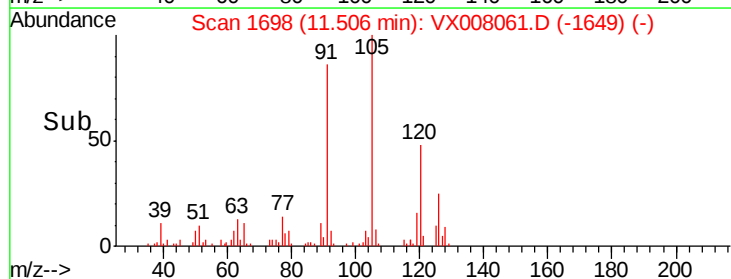
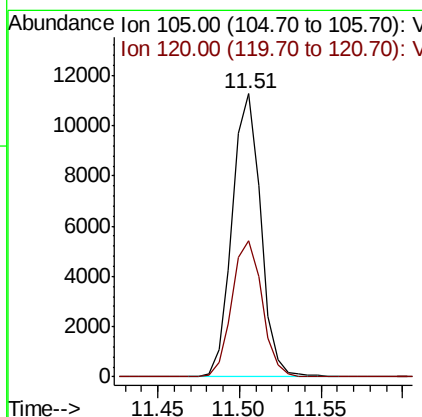
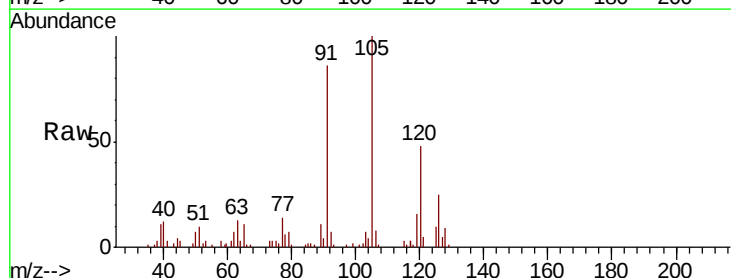
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

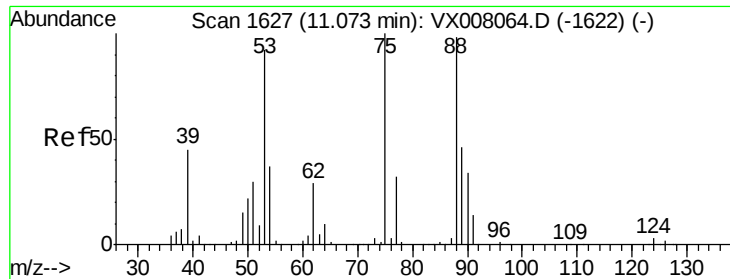
Tgt Ion: 91 Resp: 12305
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.897 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 105 Resp: 13766
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.801 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

BFB

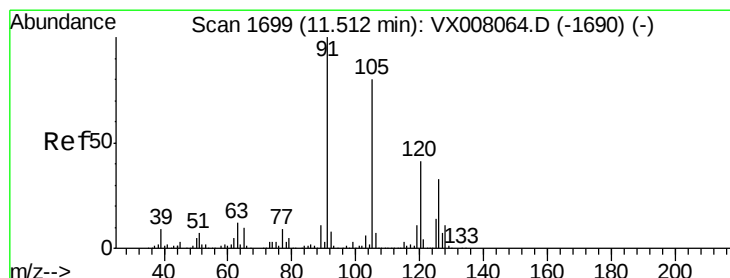
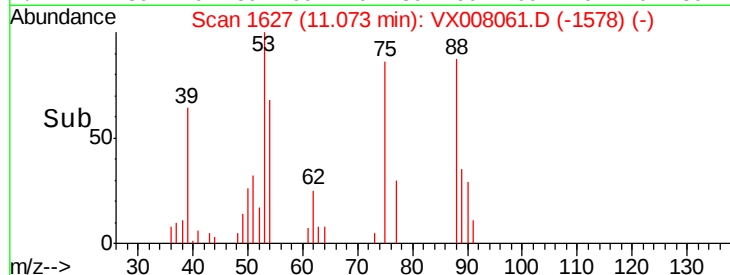
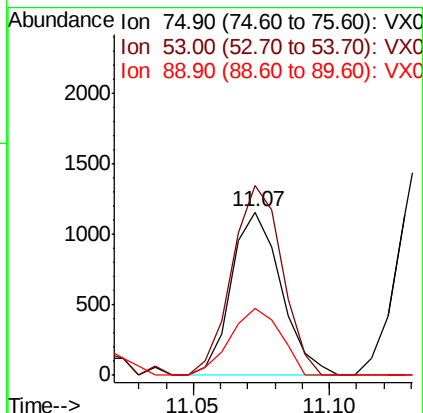
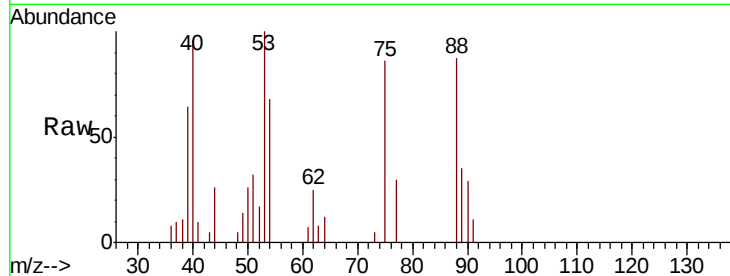
Tgt Ion: 75 Resp: 1470

Ion Ratio Lower Upper

75 100

53 117.6 76.1 114.1#

89 41.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 0.992 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008061.D

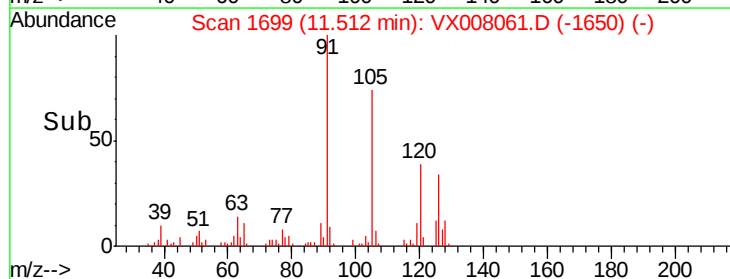
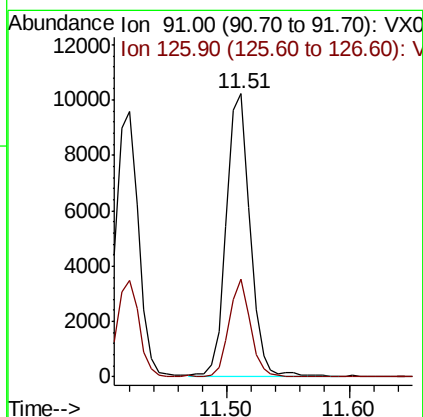
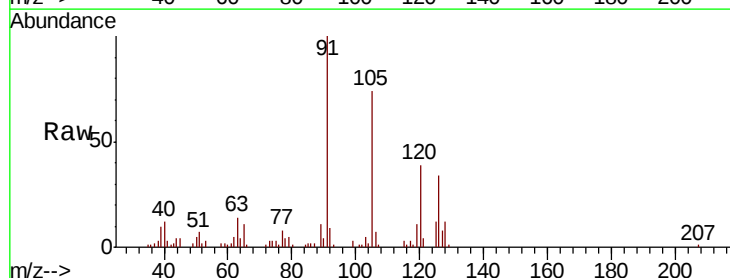
Acq: 14 Mar 2019 09:39

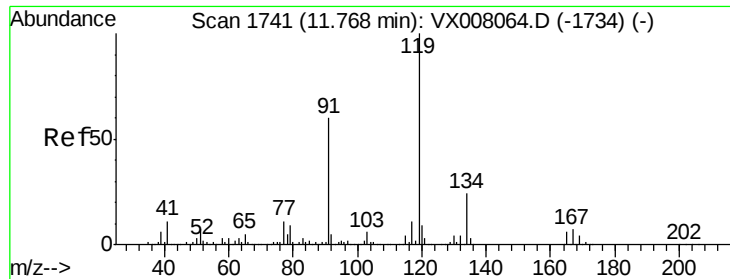
Tgt Ion: 91 Resp: 13806

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8

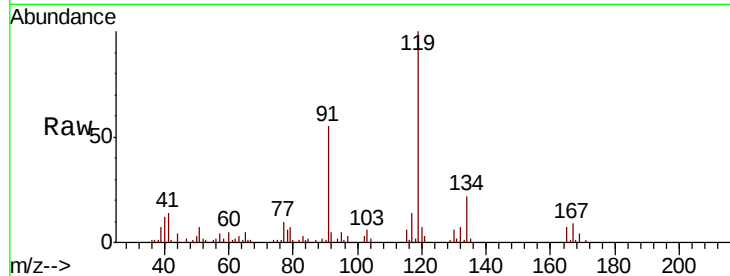




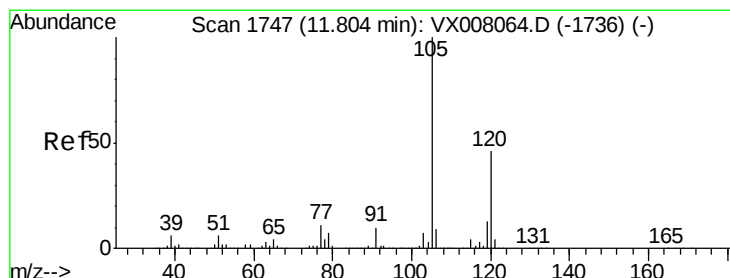
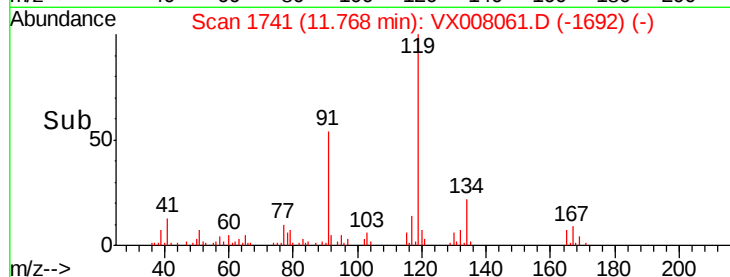
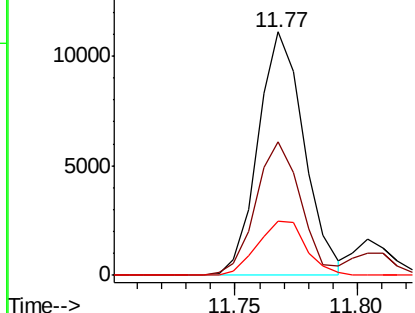
#83
 tert-Butylbenzene
 Concen: 0.965 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.1	81.3
134	23.5	11.4	34.1

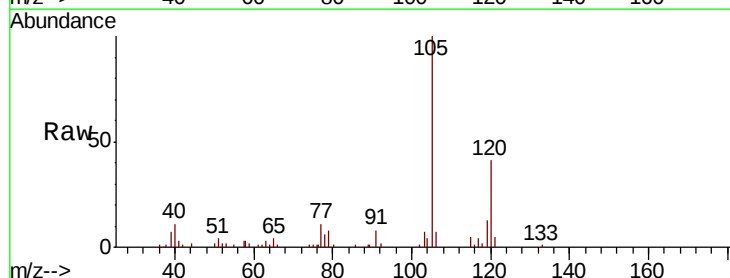


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

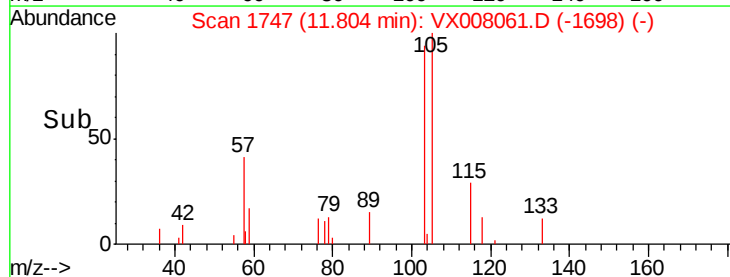
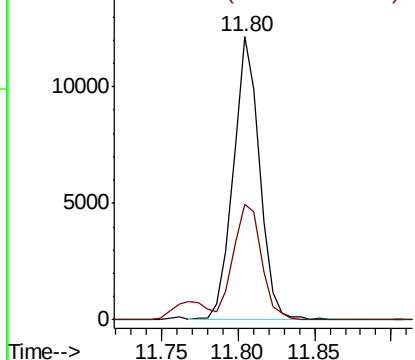


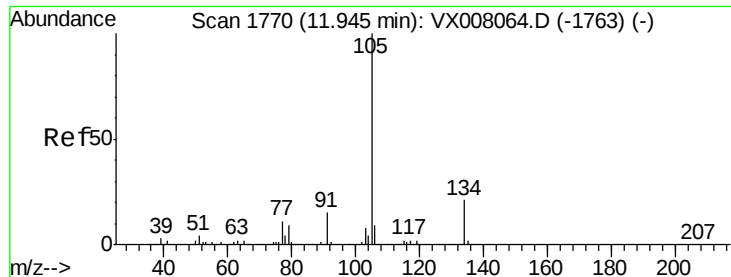
#84
 1,2,4-Trimethylbenzene
 Concen: 0.913 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.6	67.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

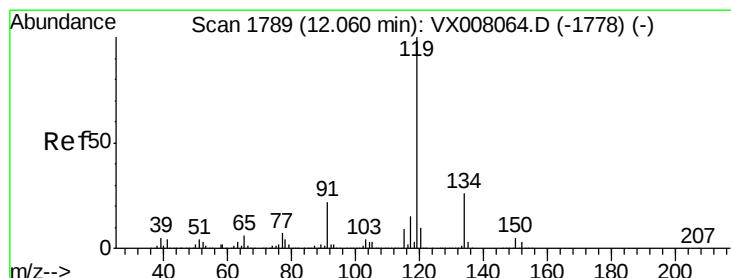
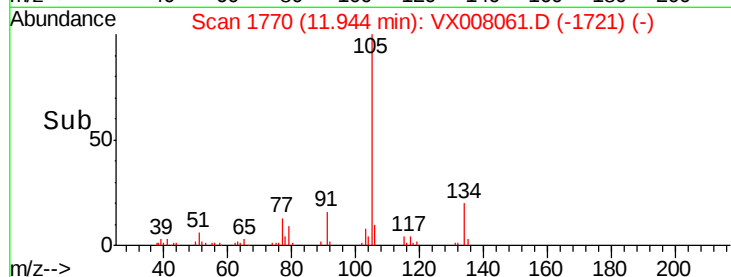
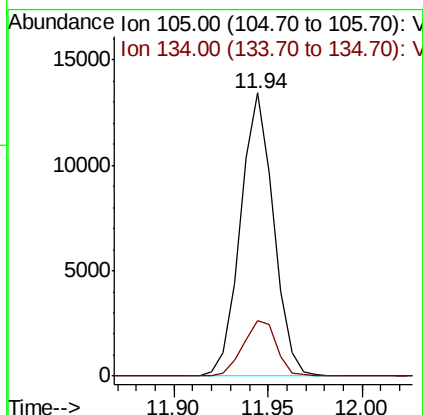
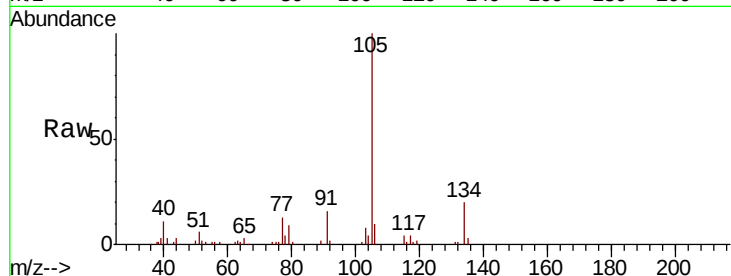




#85
 sec-Butylbenzene
 Concen: 0.886 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

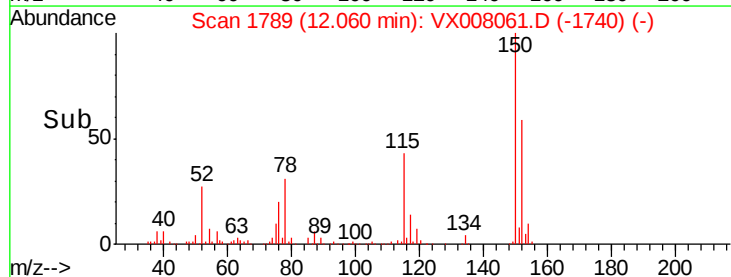
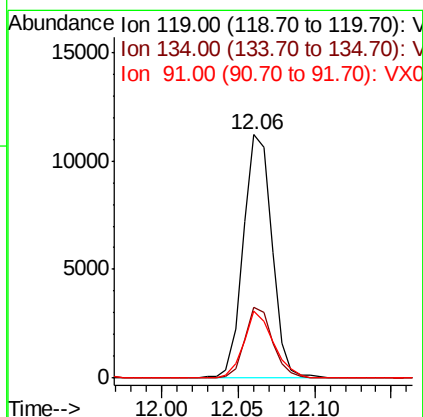
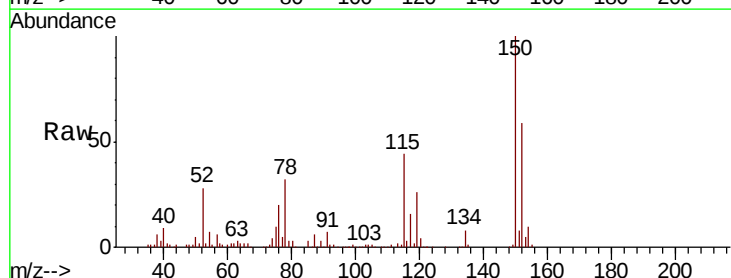
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

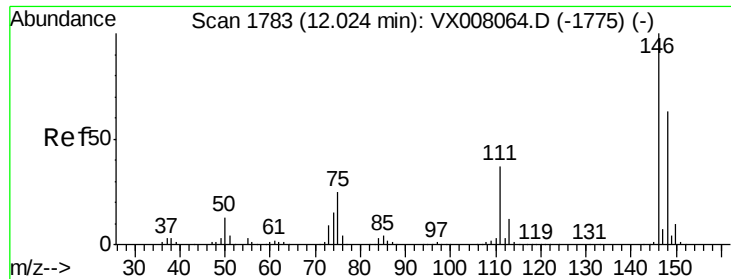
Tgt Ion:105 Resp: 16299
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.878 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion:119 Resp: 14640
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.3 39.9
 91 28.2 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 1.022 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

BFB

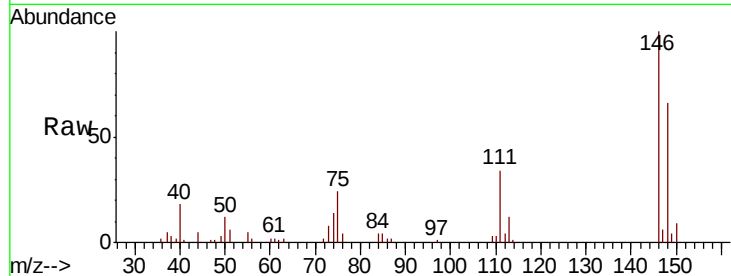
Tgt Ion:146 Resp: 8946

Ion Ratio Lower Upper

146 100

111 36.2 18.9 56.7

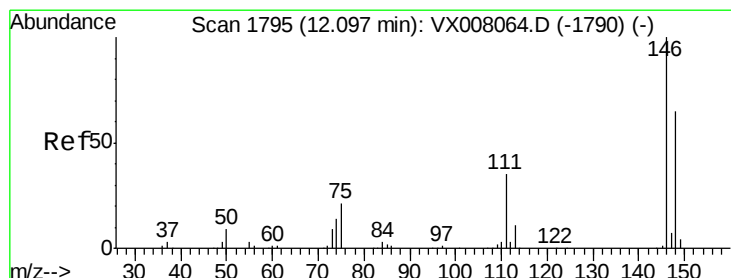
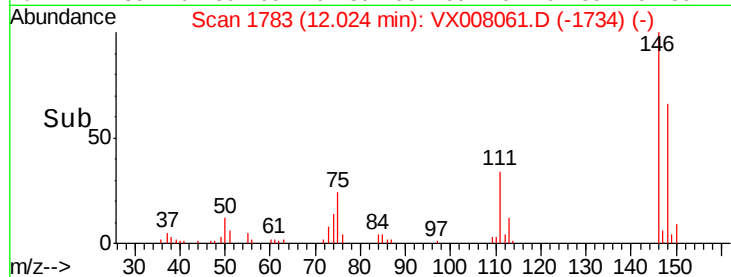
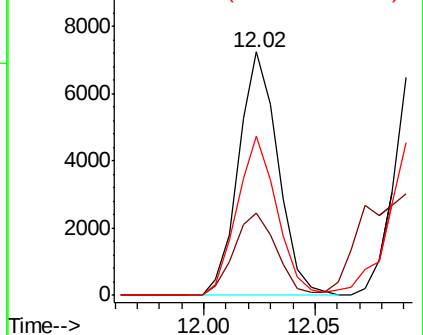
148 66.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.025 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX008061.D

Acq: 14 Mar 2019 09:39

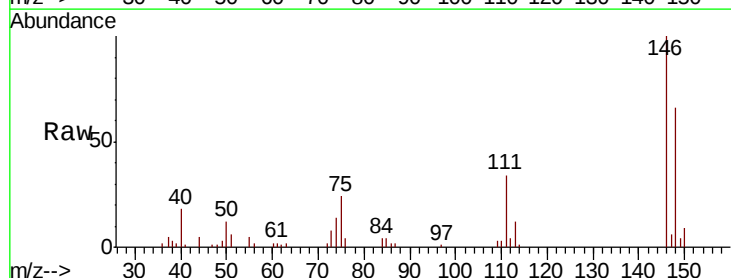
Tgt Ion:146 Resp: 8946

Ion Ratio Lower Upper

146 100

111 36.2 18.4 55.0

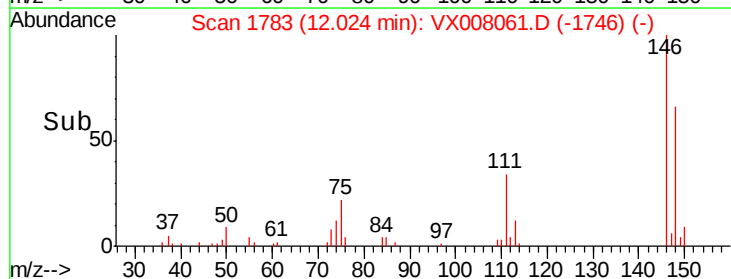
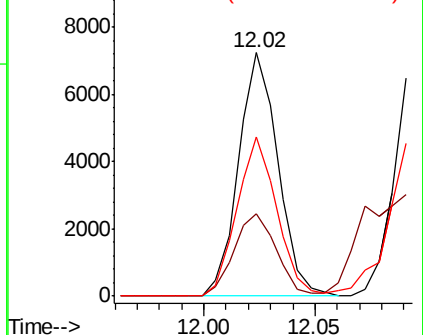
148 66.4 32.2 96.6

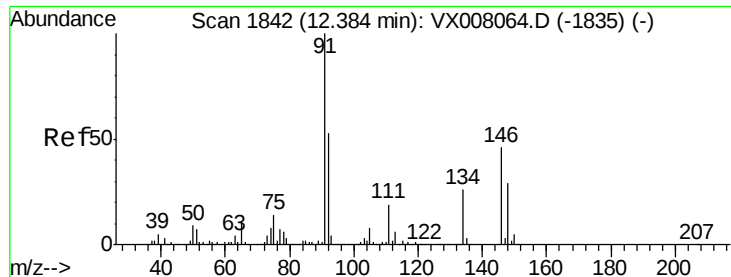


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

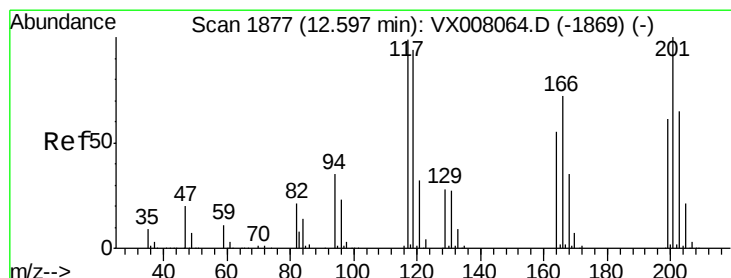
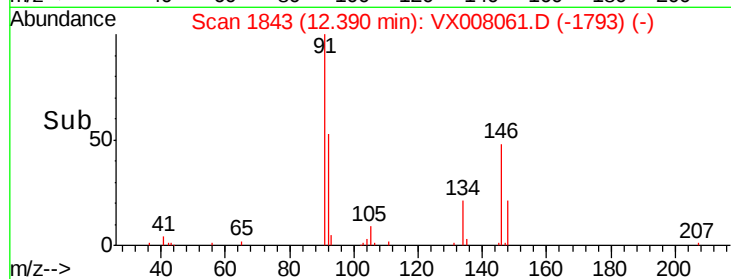
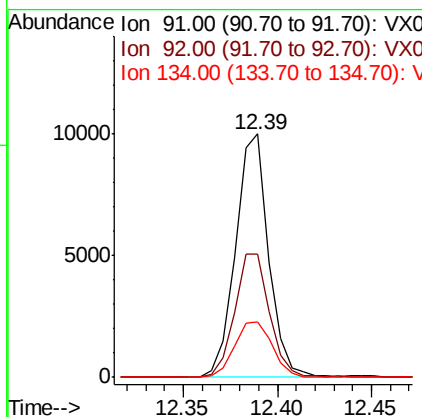
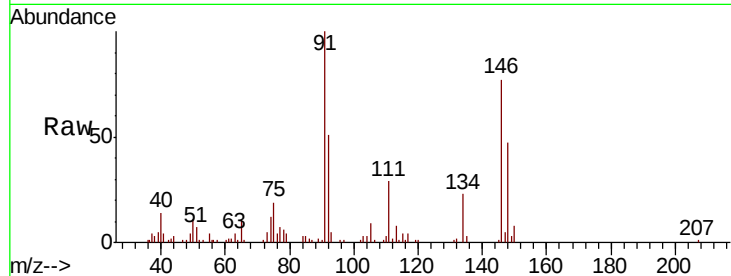




#89
n-Butylbenzene
Concen: 0.872 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

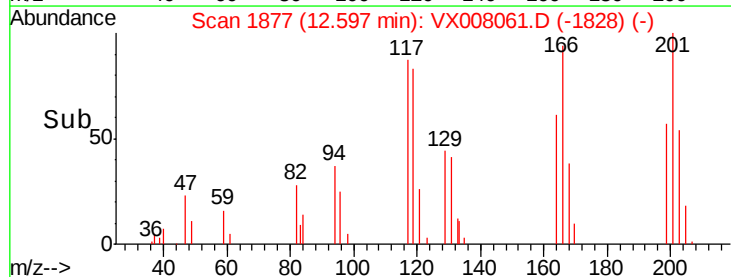
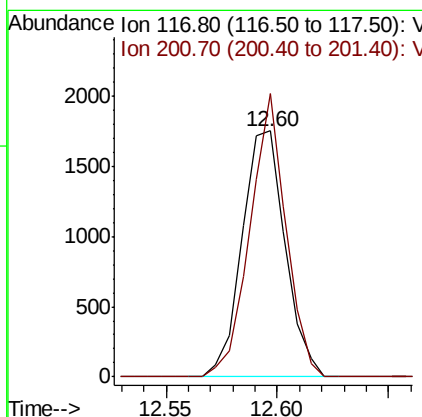
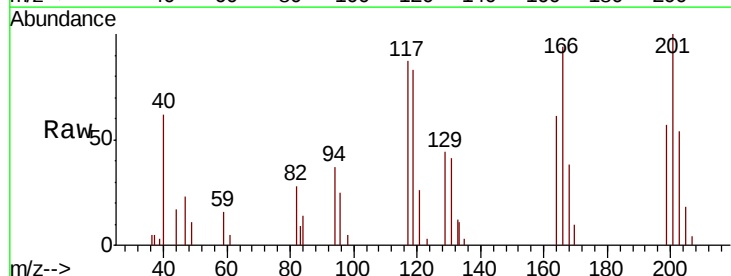
Instrument :
MSVOA_X
ClientSampled :
BFB

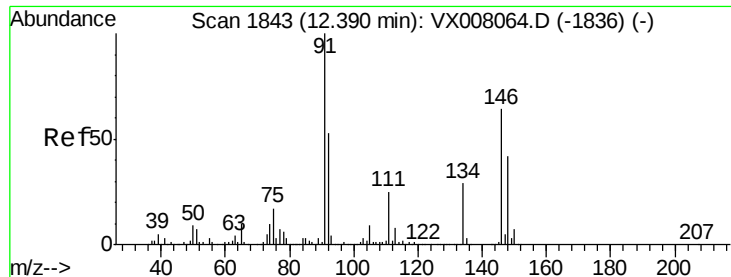
Tgt Ion: 91 Resp: 12137
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 26.0 13.7 41.0



#90
Hexachloroethane
Concen: 0.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 117 Resp: 2366
Ion Ratio Lower Upper
117 100
201 95.6 48.9 146.7

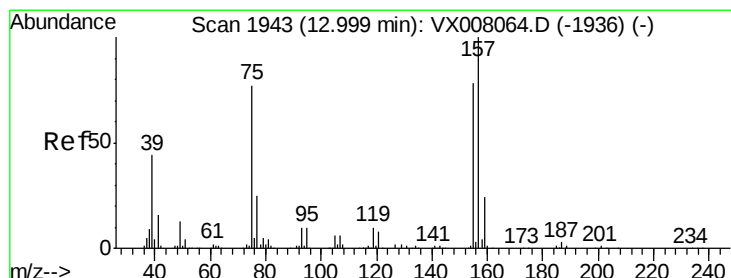
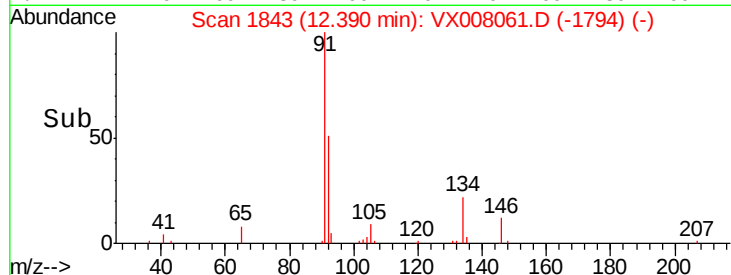
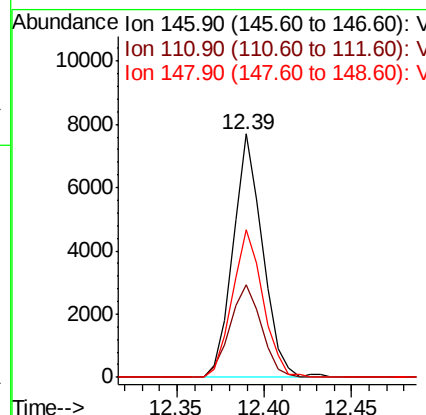
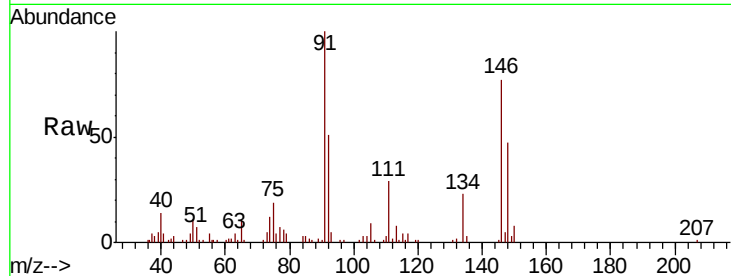




#91
 1,2-Dichlorobenzene
 Concen: 1.053 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

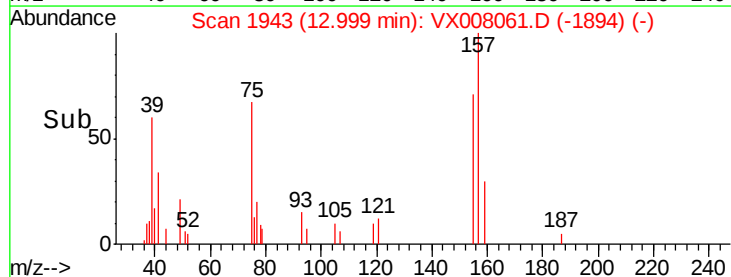
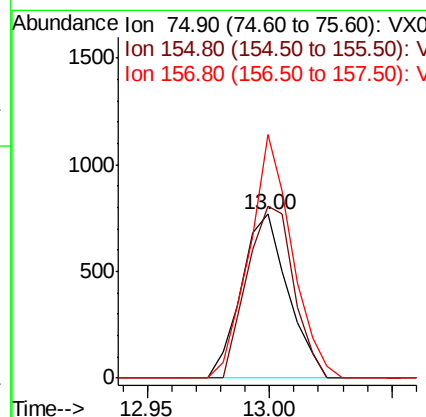
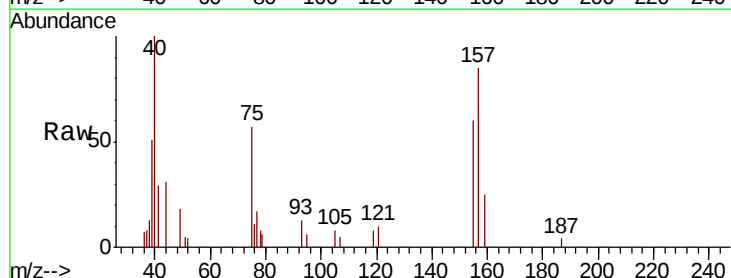
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

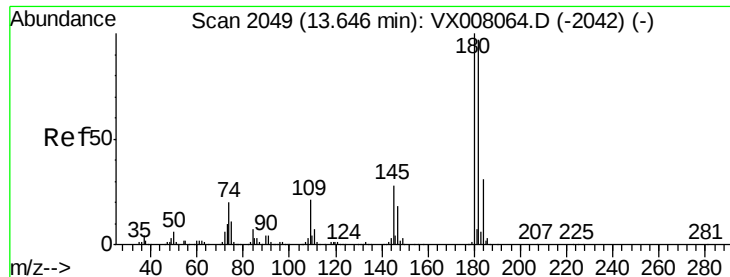
Tgt Ion: 146 Resp: 9031
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.799 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion: 75 Resp: 1017
 Ion Ratio Lower Upper
 75 100
 155 104.7 49.7 149.1
 157 136.0 63.8 191.4

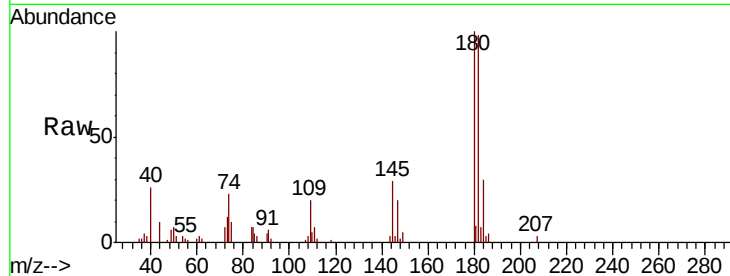




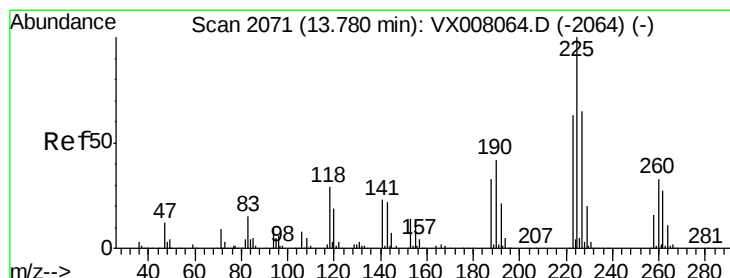
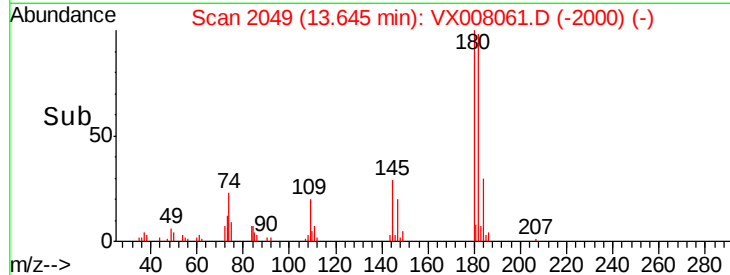
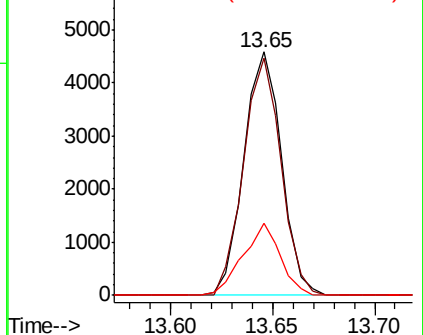
#93
 1,2,4-Trichlorobenzene
 Concen: 0.957 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 5899
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.9 143.7
 145 29.1 14.1 42.4

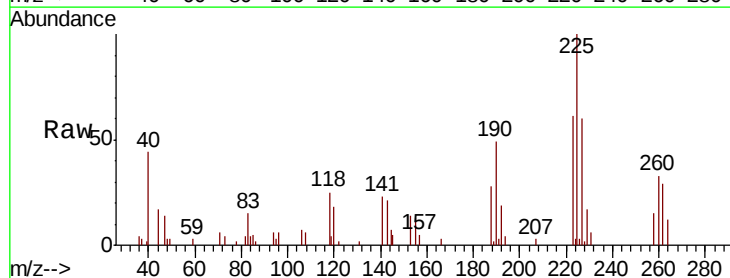


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

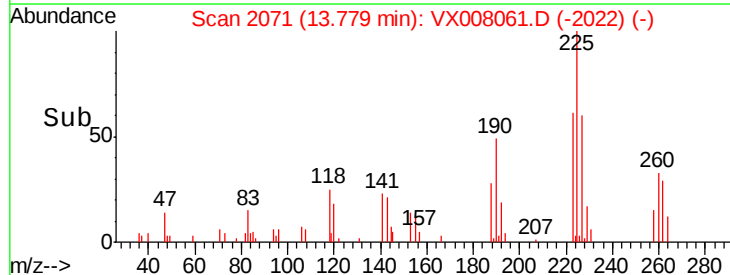
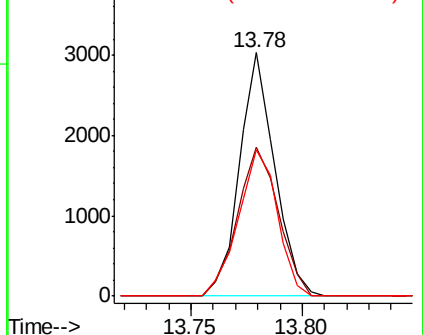


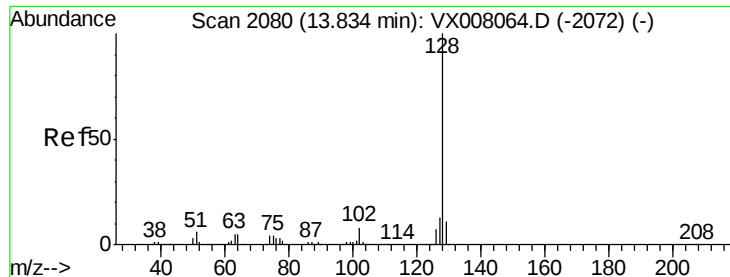
#94
 Hexachlorobutadiene
 Concen: 0.997 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008061.D
 Acq: 14 Mar 2019 09:39

Tgt Ion:225 Resp: 3352
 Ion Ratio Lower Upper
 225 100
 223 70.9 31.1 93.2
 227 66.2 32.0 96.0



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

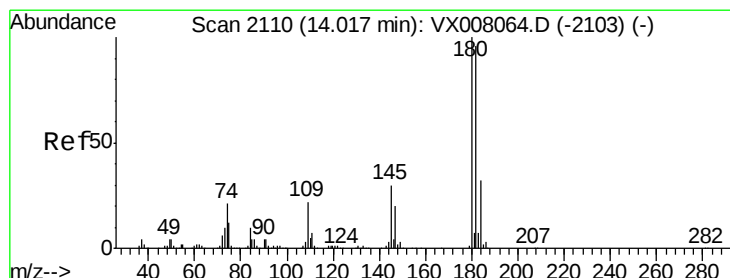
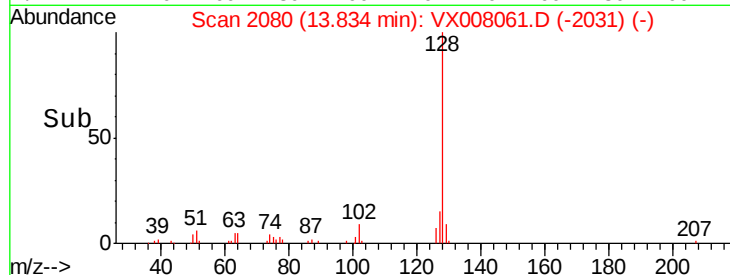
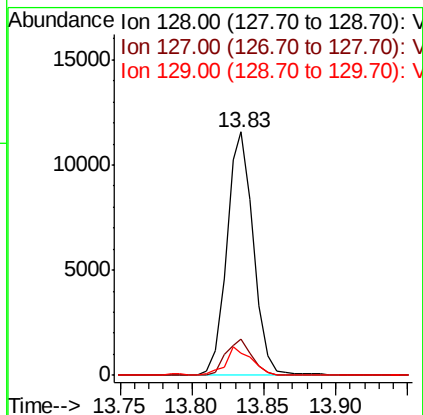
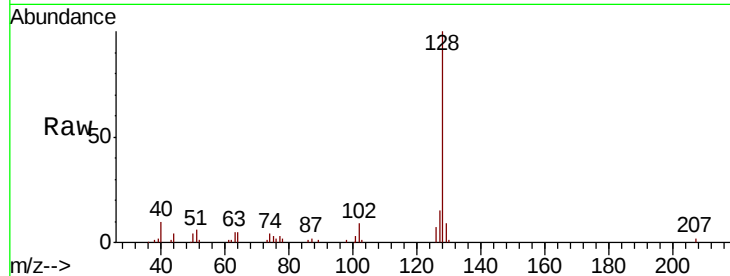




#95
Naphthalene
Concen: 0.823 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 15006
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.920 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:180 Resp: 5652
Ion Ratio Lower Upper
180 100
182 97.3 47.5 142.5
145 31.5 14.8 44.3

