

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008623.D
 Acq On : 03 Apr 2019 19:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Apr 04 04:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129731	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	95767	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.71	98	389400	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	140551	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96723	43.923	ug/l	99
3) Chloromethane	1.32	50	134912	49.990	ug/l	100
4) Vinyl Chloride	1.40	62	130070	43.694	ug/l	98
5) Bromomethane	1.64	94	64246	44.045	ug/l	99
6) Chloroethane	1.71	64	78496	48.173	ug/l	99
7) Trichlorofluoromethane	1.92	101	145235	44.136	ug/l	98
8) Diethyl Ether	2.19	74	68842	44.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92452	43.638	ug/l	100
10) Methyl Iodide	2.51	142	87223	45.588	ug/l	99
11) Tert butyl alcohol	3.05	59	154858	237.059	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95687	43.265	ug/l	96
13) Acrolein	2.29	56	66343	204.817	ug/l	98
14) Allyl chloride	2.73	41	225729	44.584	ug/l	100
15) Acrylonitrile	3.14	53	393200	227.209	ug/l	100
16) Acetone	2.45	43	350444	218.055	ug/l	100
17) Carbon Disulfide	2.57	76	285929	44.691	ug/l	98
18) Methyl Acetate	2.78	43	169685	43.534	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	359019	45.455	ug/l	99
20) Methylene Chloride	2.85	84	115717	43.015	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	102763	42.956	ug/l	95
22) Diisopropyl ether	3.85	45	433924	44.466	ug/l	92
23) Vinyl Acetate	3.81	43	1963528	231.294	ug/l	99
24) 1,1-Dichloroethane	3.70	63	215424	44.587	ug/l	99
25) 2-Butanone	4.67	43	582370	229.268	ug/l	100
26) 2,2-Dichloropropane	4.58	77	146654	43.096	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	119329	43.385	ug/l	99
28) Bromochloromethane	5.02	49	106153	52.764	ug/l	99
29) Tetrahydrofuran	5.13	42	380474	225.675	ug/l	99
30) Chloroform	5.21	83	192492	44.606	ug/l	100
31) Cyclohexane	5.58	56	209438	43.442	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	157432	45.145	ug/l	100
36) 1,1-Dichloropropene	5.80	75	151237	42.948	ug/l	100
37) Ethyl Acetate	4.84	43	216264	46.010	ug/l	99
38) Carbon Tetrachloride	5.79	117	130291	44.704	ug/l	99

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Quant Time: Apr 04 04:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185466	42.635	ug/l	100
40) Benzene	6.14	78	464683	44.295	ug/l	99
41) Methacrylonitrile	5.04	41	121762	45.067	ug/l	99
42) 1,2-Dichloroethane	6.19	62	164926	43.853	ug/l	99
43) Isopropyl Acetate	6.45	43	338610	45.988	ug/l	100
44) Trichloroethene	7.21	130	106505	43.590	ug/l	99
45) 1,2-Dichloropropane	7.51	63	131624	43.958	ug/l	98
46) Dibromomethane	7.66	93	74937	43.151	ug/l	99
47) Bromodichloromethane	7.90	83	148305	45.292	ug/l	99
48) Methyl methacrylate	7.77	41	171962	46.169	ug/l	100
49) 1,4-Dioxane	7.74	88	64499	924.417	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1122701	236.862	ug/l	100
52) Toluene	8.79	92	277158	44.813	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170033	46.357	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190063	45.349	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111427	44.883	ug/l	99
56) Ethyl methacrylate	9.18	69	212140	47.228	ug/l	100
57) 1,3-Dichloropropane	9.37	76	201065	45.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	553988	241.533	ug/l	100
59) 2-Hexanone	9.49	43	864472	234.682	ug/l	100
60) Dibromochloromethane	9.58	129	108413	46.342	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115882	44.837	ug/l	99
64) Tetrachloroethene	9.34	164	89637	41.991	ug/l	96
65) Chlorobenzene	10.14	112	278961	43.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100385	44.803	ug/l	100
67) Ethyl Benzene	10.25	91	526421	44.203	ug/l	100
68) m/p-Xylenes	10.36	106	382139	89.244	ug/l	99
69) o-Xylene	10.70	106	185175	44.623	ug/l	100
70) Styrene	10.71	104	324026	45.299	ug/l	100
71) Bromoform	10.85	173	80494	47.038	ug/l #	99
73) Isopropylbenzene	11.02	105	489536	43.933	ug/l	100
74) N-amyl acetate	10.90	43	298694	45.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	187260	44.188	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	220092	59.586	ug/l	81
77) Bromobenzene	11.26	156	118322	44.171	ug/l	99
78) n-propylbenzene	11.36	91	576676	44.447	ug/l	99
79) 2-Chlorotoluene	11.42	91	342322	43.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	416247	44.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62428	46.589	ug/l	98
82) 4-Chlorotoluene	11.51	91	393557	43.303	ug/l	100
83) tert-Butylbenzene	11.77	119	396178	44.026	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	418978	44.238	ug/l	100
85) sec-Butylbenzene	11.94	105	478326	44.750	ug/l	100
86) p-Isopropyltoluene	12.06	119	429390	44.757	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207291	43.226	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	206594	42.544	ug/l	100
89) n-Butylbenzene	12.38	91	399862	44.443	ug/l	99
90) Hexachloroethane	12.60	117	72153	45.344	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	207547	43.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40998	43.978	ug/l	99

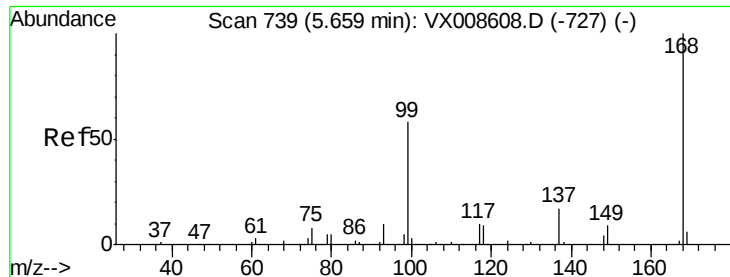
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141972	42.885	ug/l	99
94) Hexachlorobutadiene	13.78	225	70764	44.570	ug/l	99
95) Naphthalene	13.83	128	489186	44.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142359	43.039	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

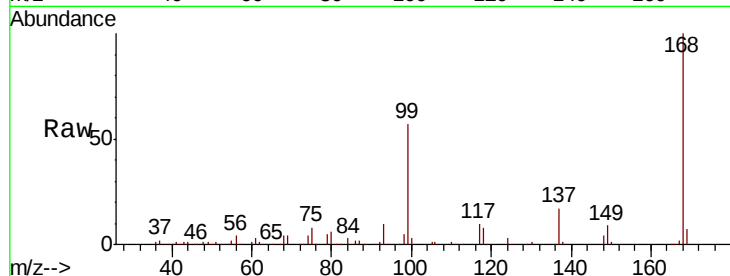
BFB

Tot Ion:168 Resp: 191306

Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

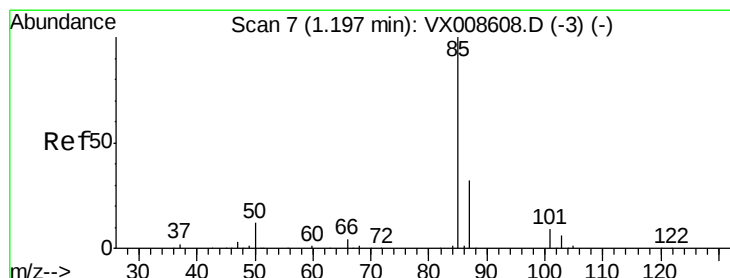
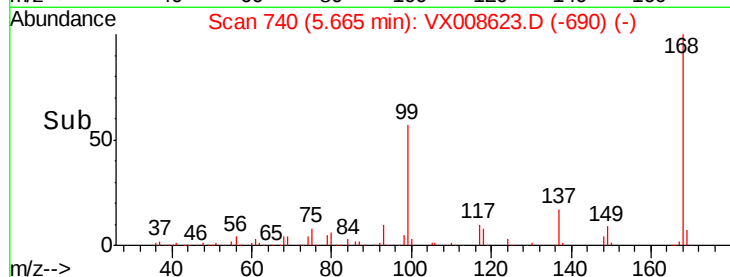
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.923 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008623.D

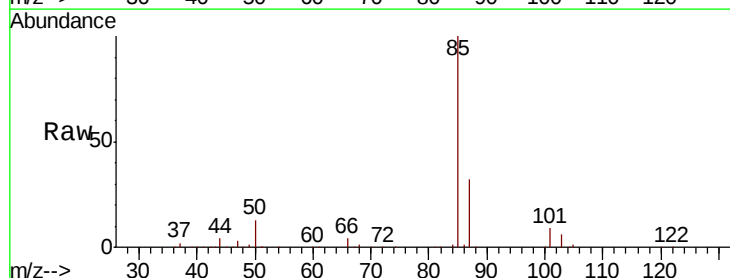
Acq: 03 Apr 2019 19:17

Tgt Ion: 85 Resp: 96723

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

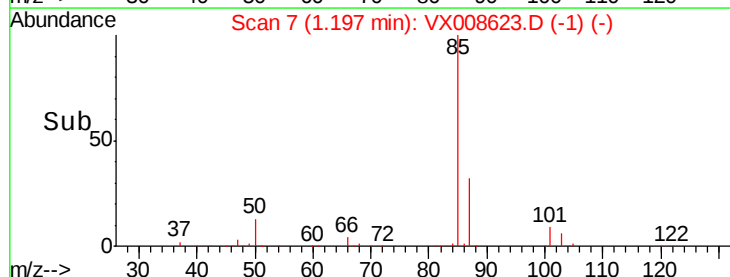
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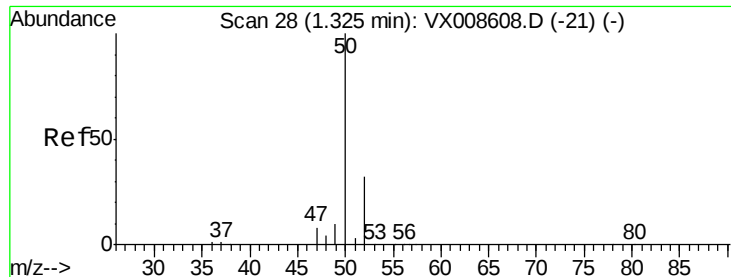
20000

0

1.15 1.20 1.25 1.30

Time-->

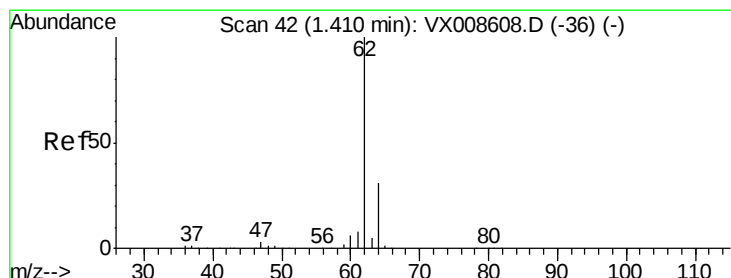
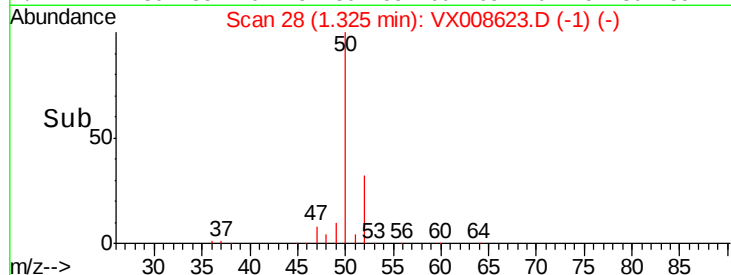
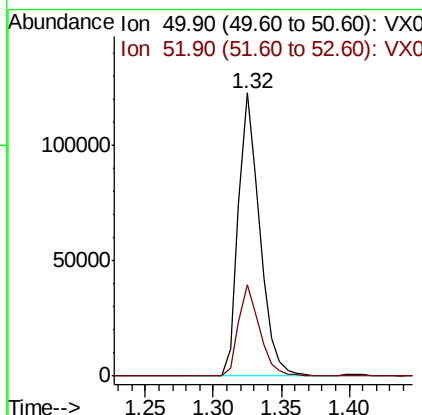
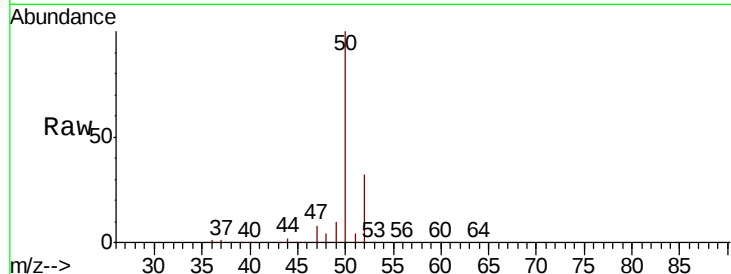




#3
Chloromethane
Concen: 49.990 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

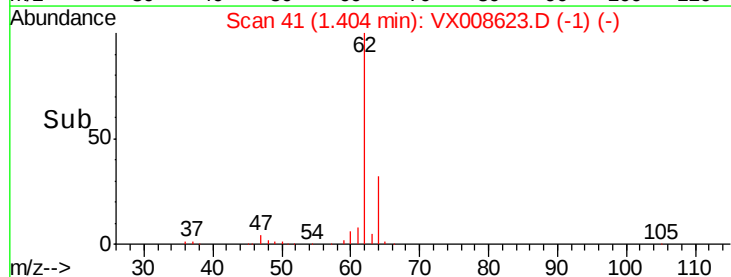
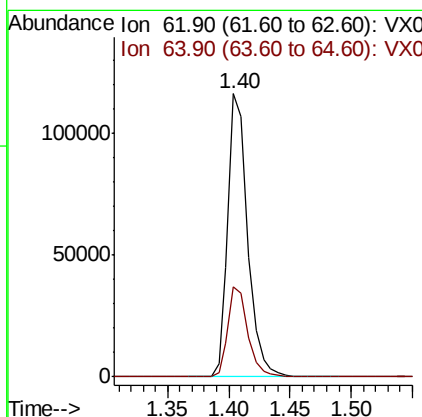
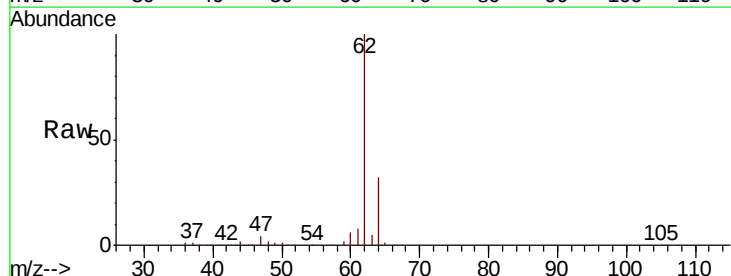
Instrument :
MSVOA_X
ClientSampleId :
BFB

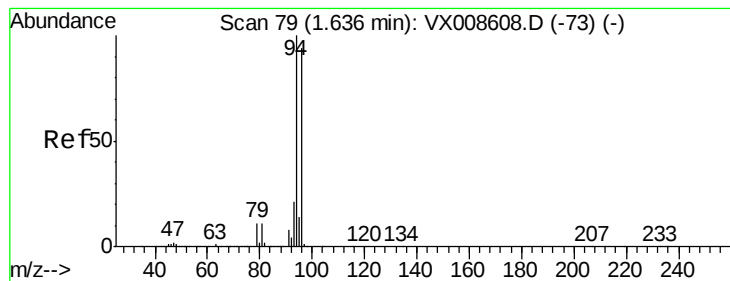
Tot Ion: 50 Resp: 134912
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 43.694 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 62 Resp: 130070
Ion Ratio Lower Upper
62 100
64 31.8 24.7 37.1





#5

Bromomethane

Concen: 44.045 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

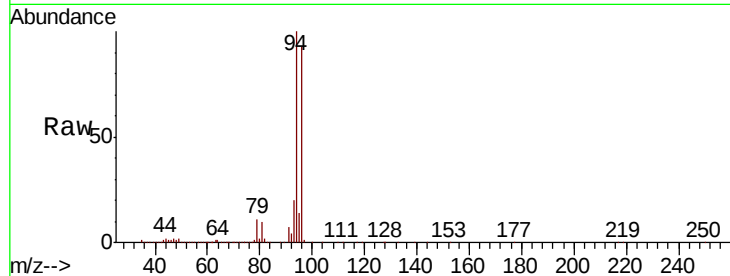
BFB

Tot Ion: 94 Resp: 64246

Ion Ratio Lower Upper

94 100

96 93.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

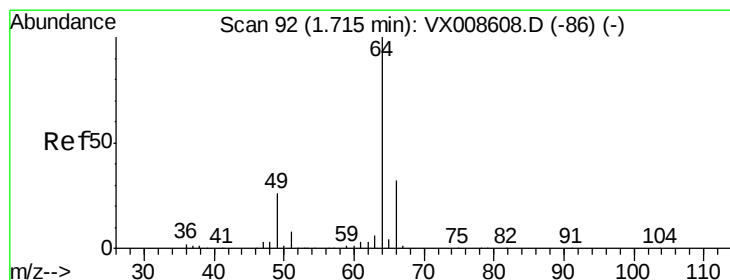
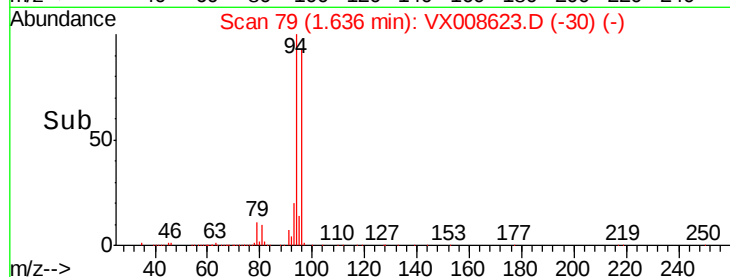
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.173 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008623.D

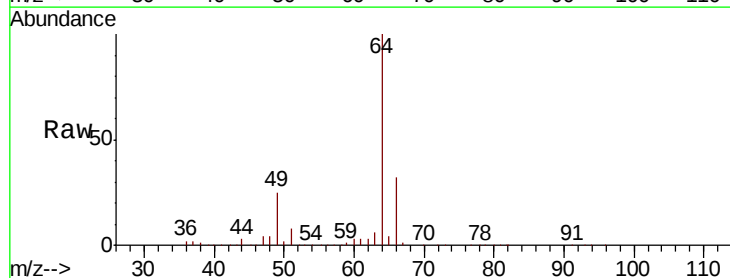
Acq: 03 Apr 2019 19:17

Tgt Ion: 64 Resp: 78496

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

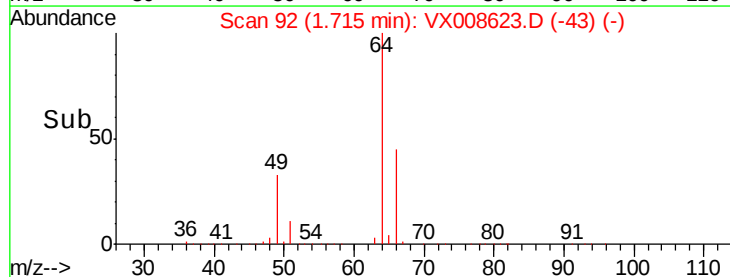
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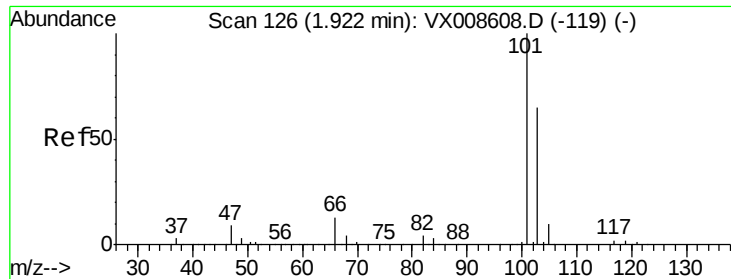
20000

10000

0

Time--> 1.60 1.70 1.80



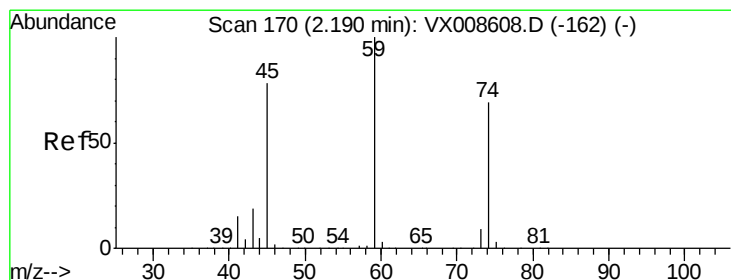
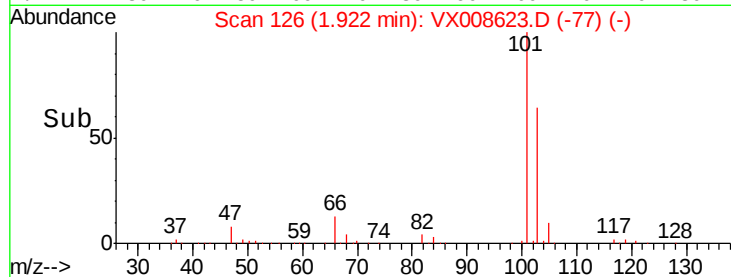
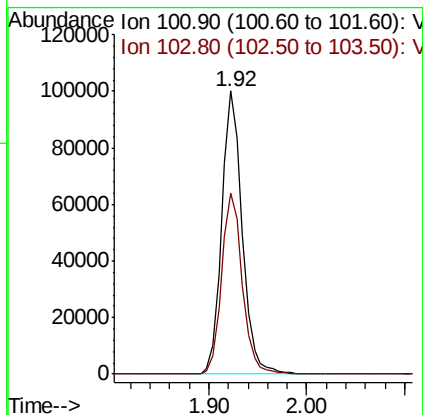
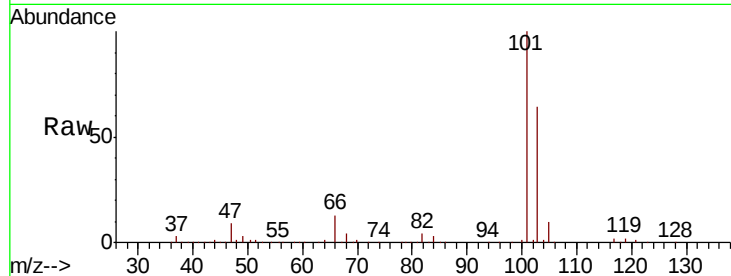


#7

Trichlorofluoromethane
 Concen: 44.136 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

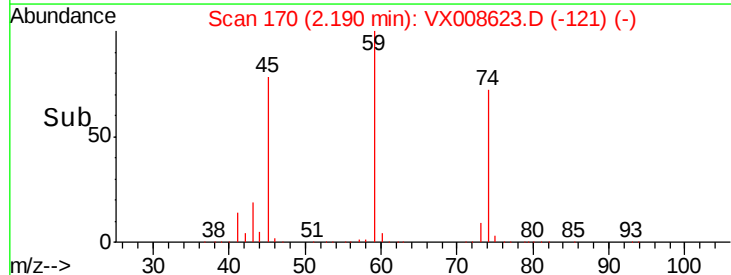
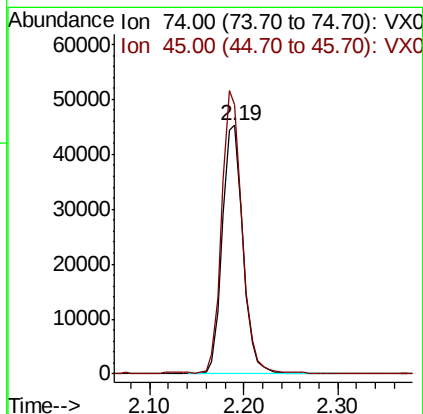
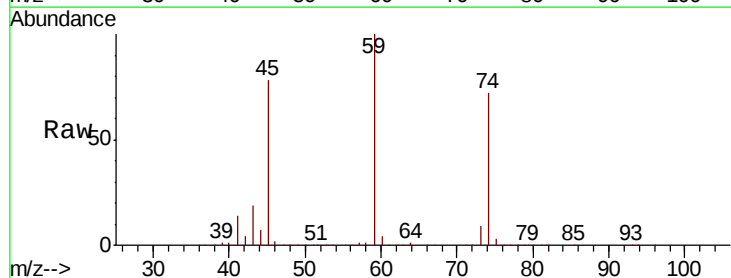
Tot Ion:101 Resp: 145235
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

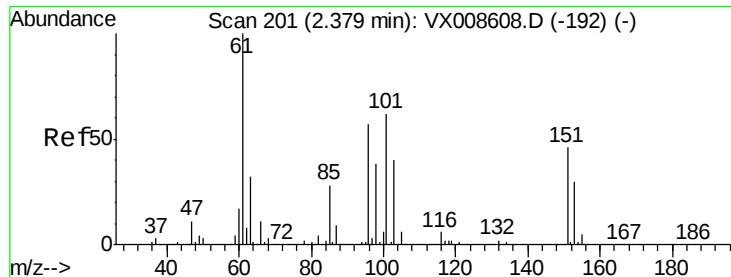


#8

Diethyl Ether
 Concen: 44.116 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 74 Resp: 68842
 Ion Ratio Lower Upper
 74 100
 45 111.7 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.638 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

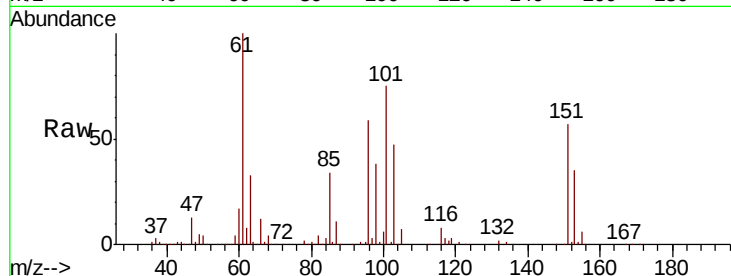
Tot Ion:101 Resp: 92452

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

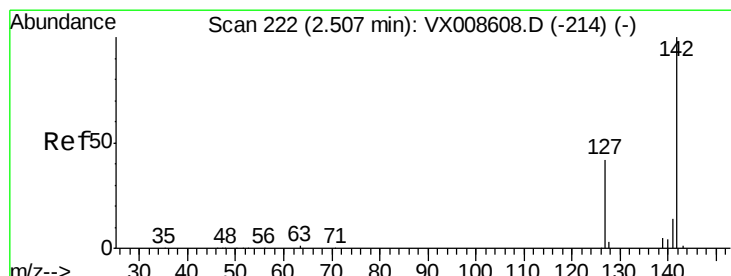
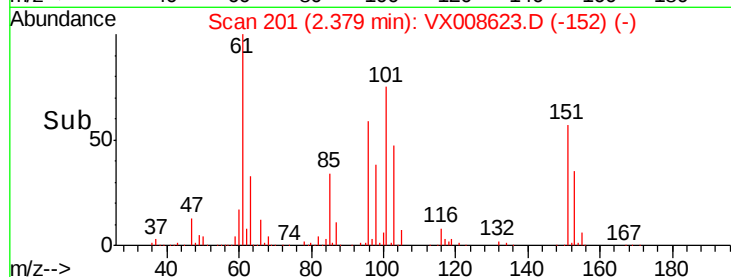
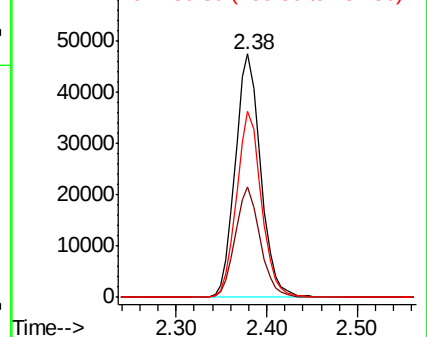
151 74.7 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.588 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

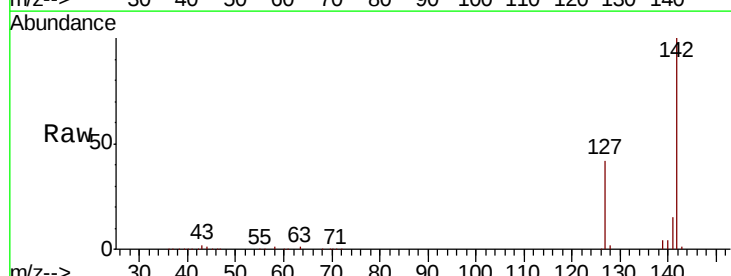
Tgt Ion:142 Resp: 87223

Ion Ratio Lower Upper

142 100

127 41.8 33.0 49.6

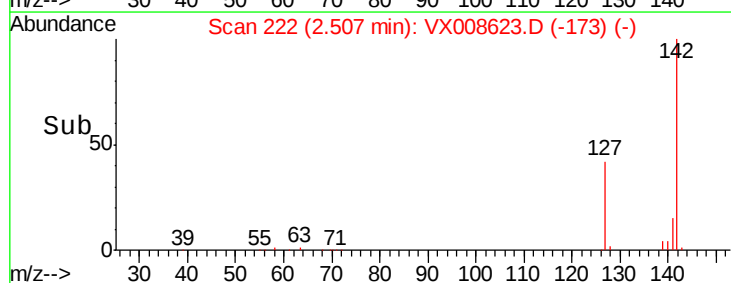
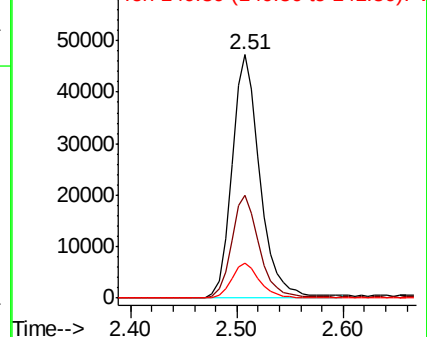
141 14.6 11.4 17.2

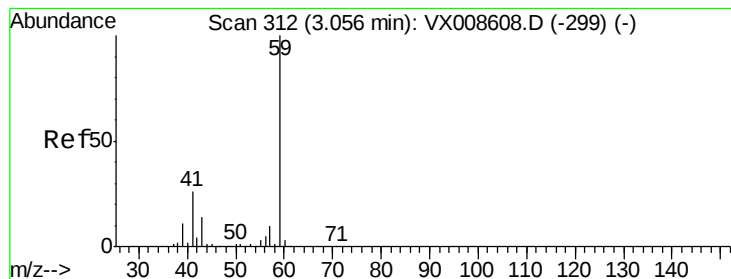


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



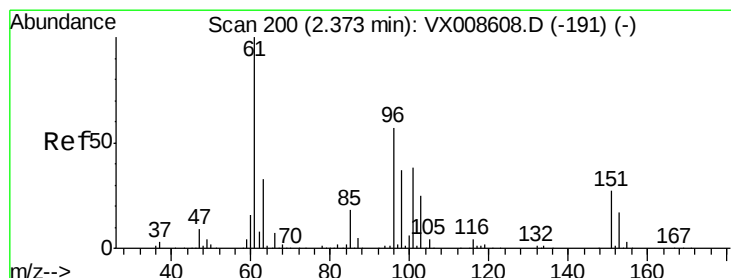
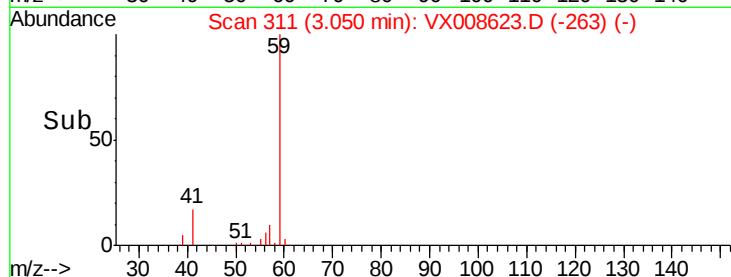
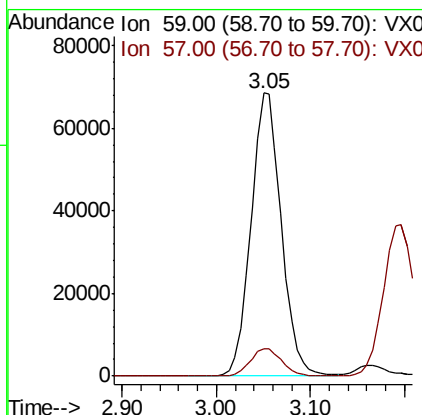
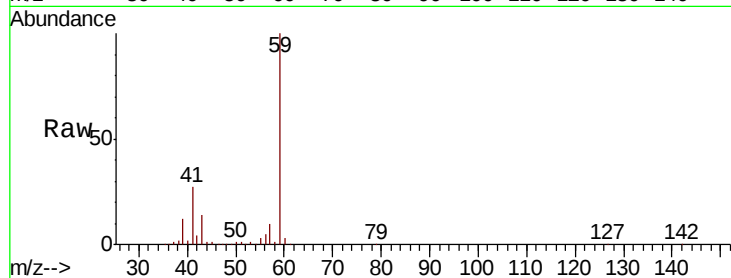


#11

Tert butyl alcohol
 Concen: 237.059 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

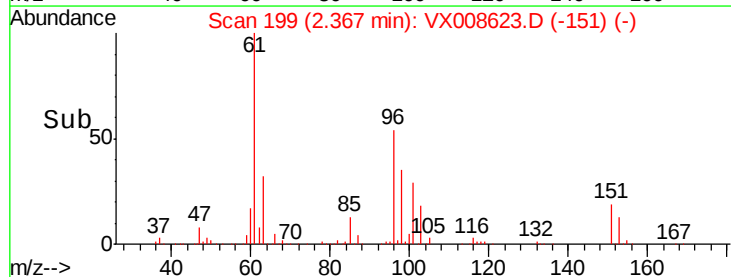
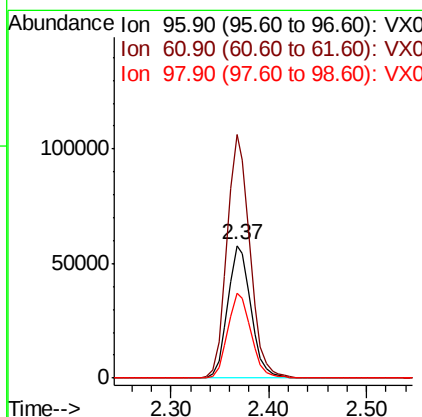
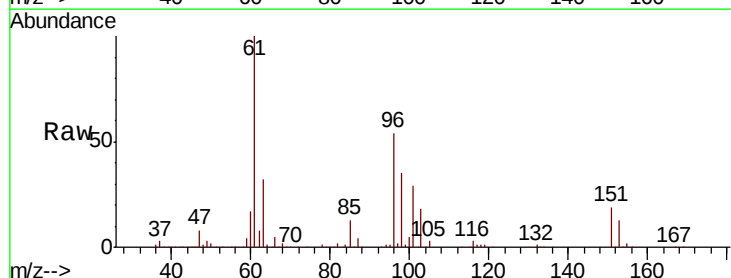
Tot Ion: 59 Resp: 154858
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

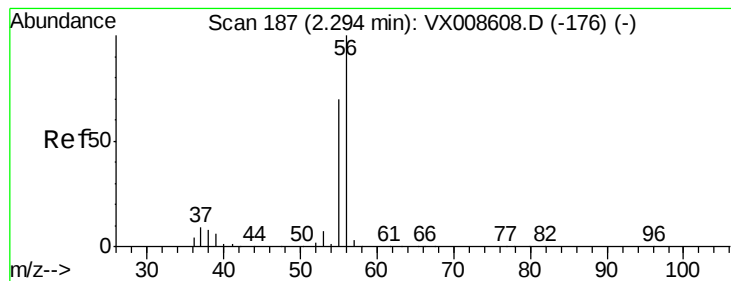


#12

1,1-Dichloroethene
 Concen: 43.265 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 96 Resp: 95687
 Ion Ratio Lower Upper
 96 100
 61 183.9 140.9 211.3
 98 64.1 52.1 78.1





#13

Acrolein

Concen: 204.817 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

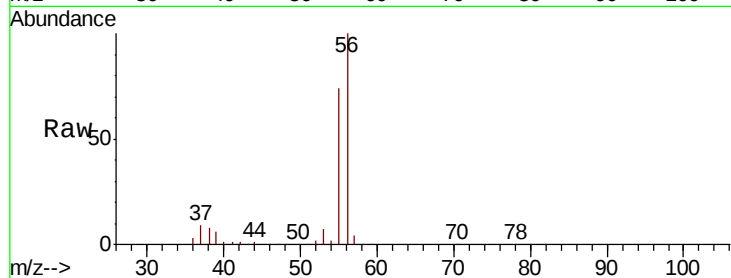
BFB

Tot Ion: 56 Resp: 66343

Ion Ratio Lower Upper

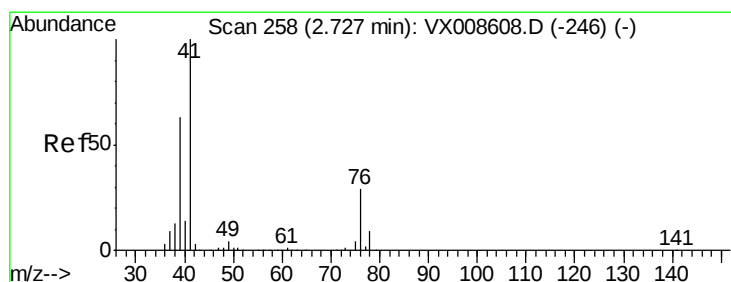
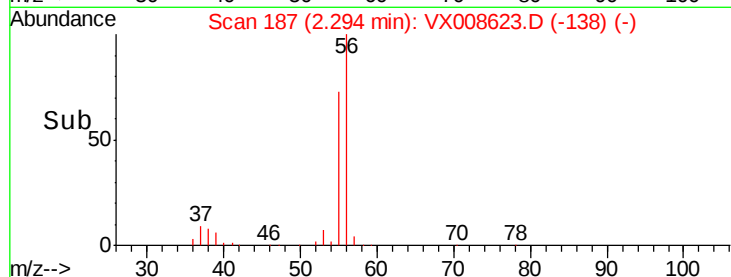
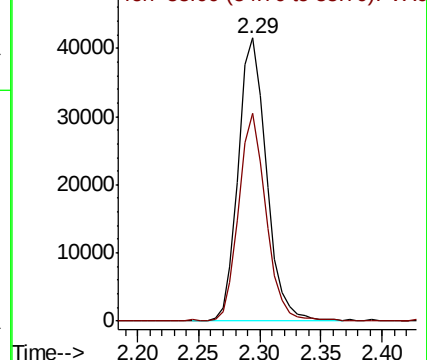
56 100

55 71.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.584 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

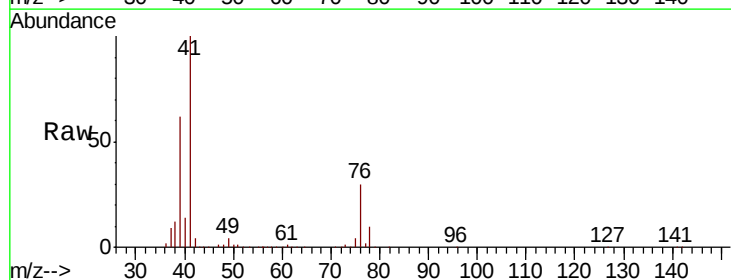
Tgt Ion: 41 Resp: 225729

Ion Ratio Lower Upper

41 100

39 59.6 48.0 72.0

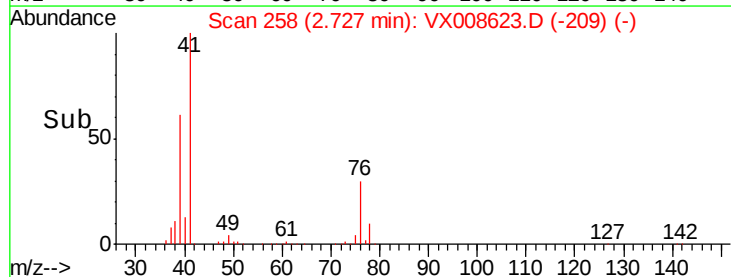
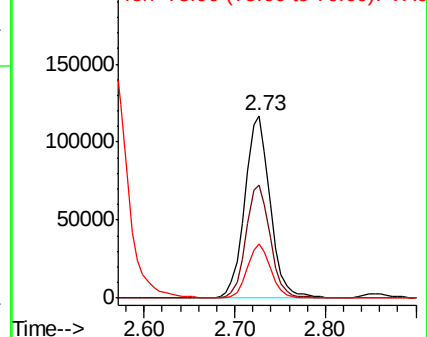
76 27.3 22.0 33.0

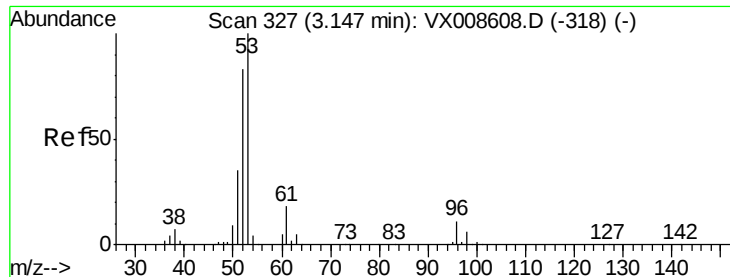


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 227.209 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

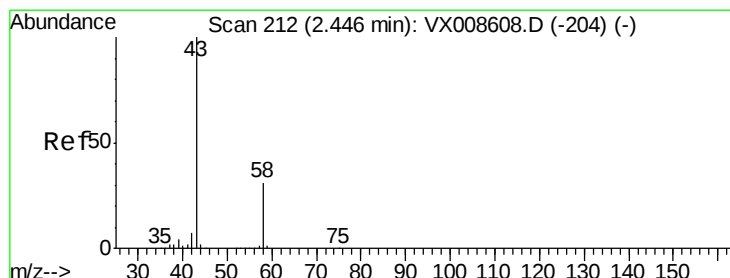
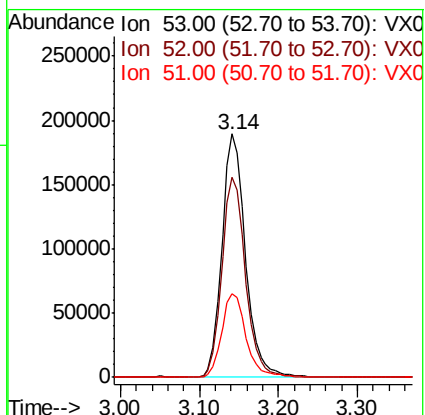
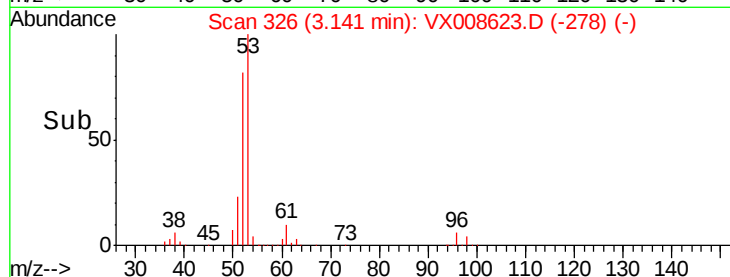
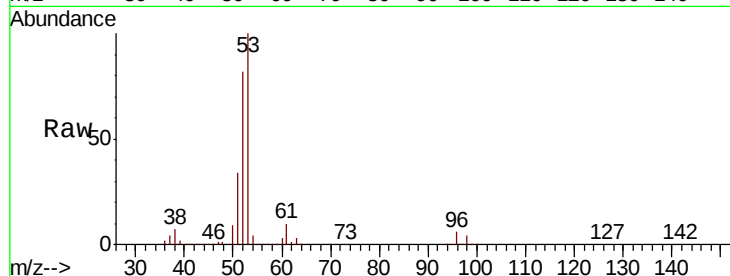
Tot Ion: 53 Resp: 393200

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

51 35.3 28.6 42.8



#16

Acetone

Concen: 218.055 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008623.D

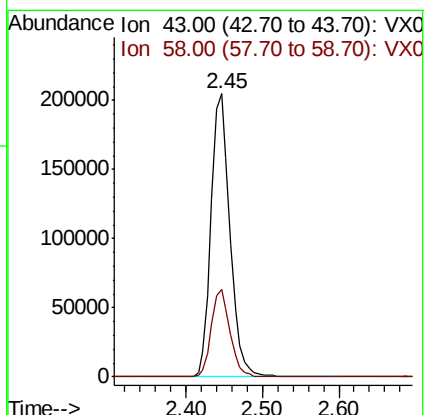
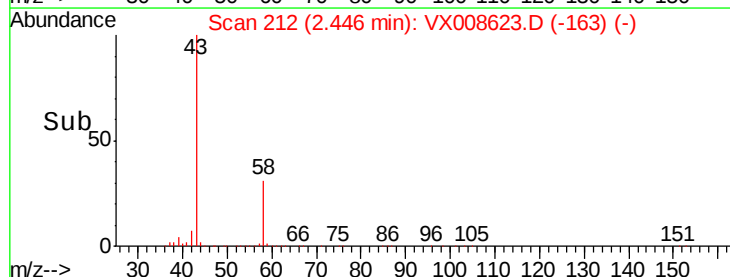
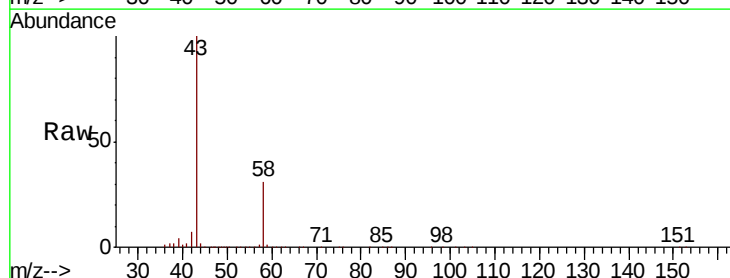
Acq: 03 Apr 2019 19:17

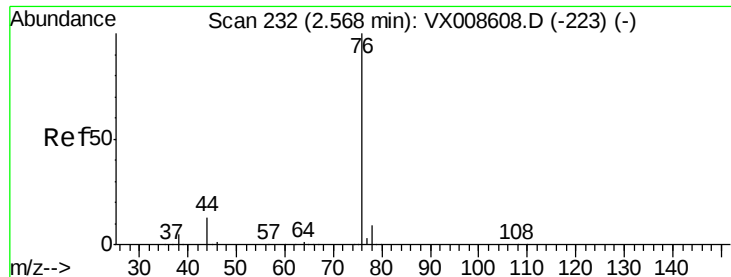
Tgt Ion: 43 Resp: 350444

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2

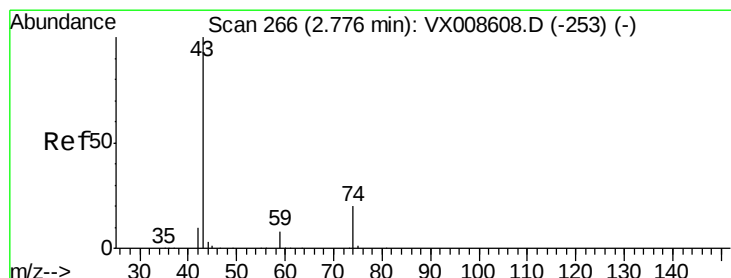
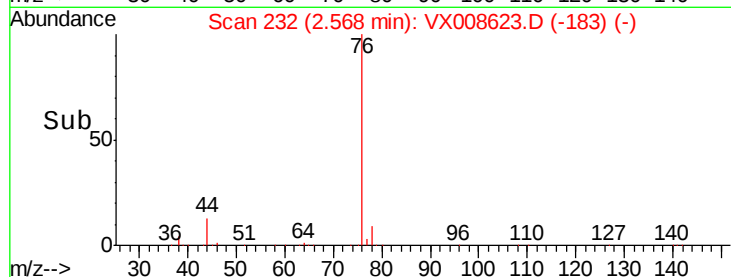
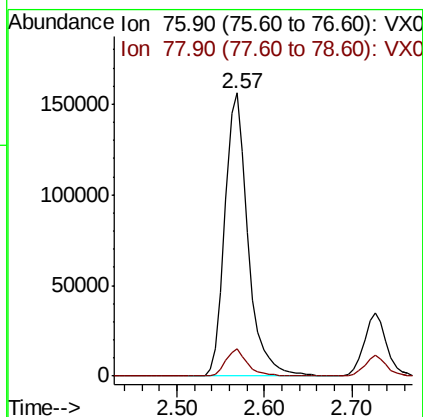
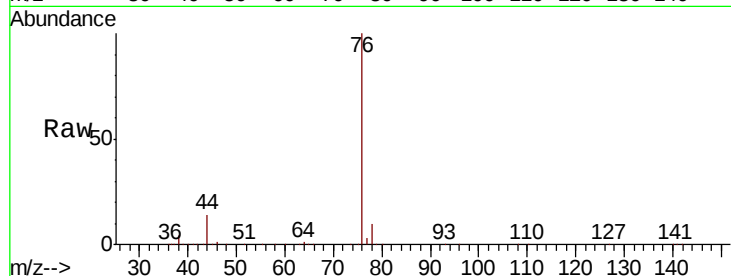




#17
Carbon Disulfide
Concen: 44.691 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

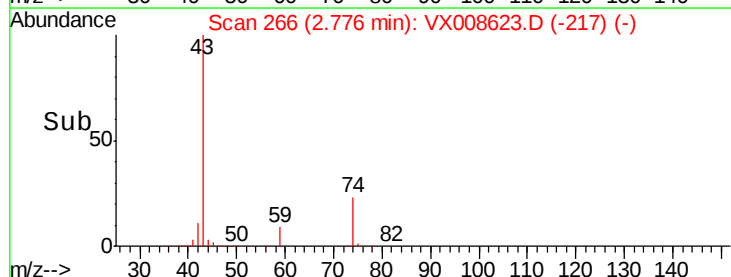
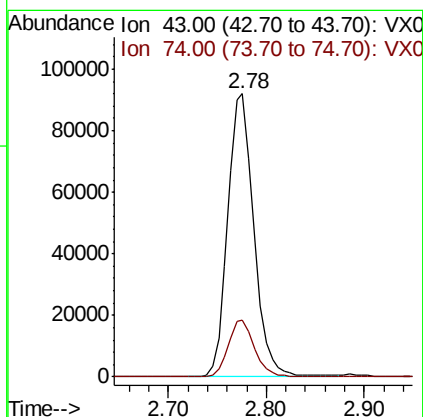
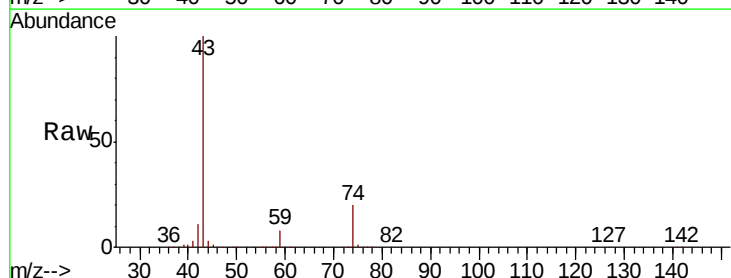
Instrument :
MSVOA_X
ClientSampleId :
BFB

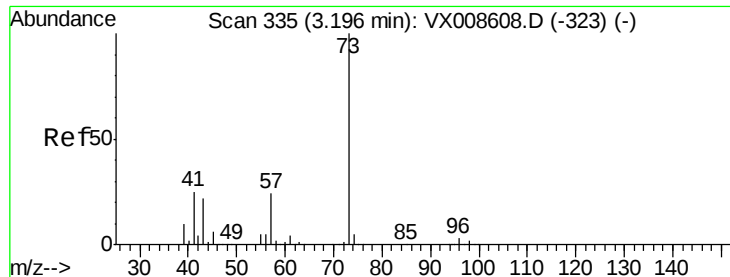
Tot Ion: 76 Resp: 285929
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 43.534 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 43 Resp: 169685
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7

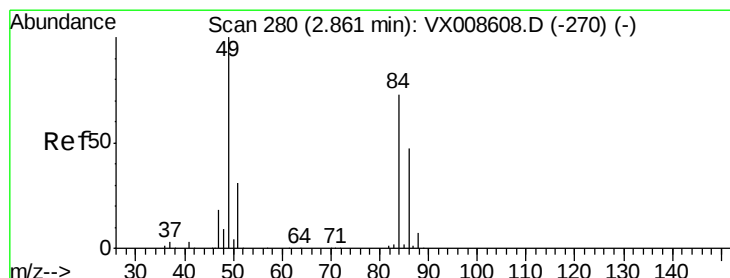
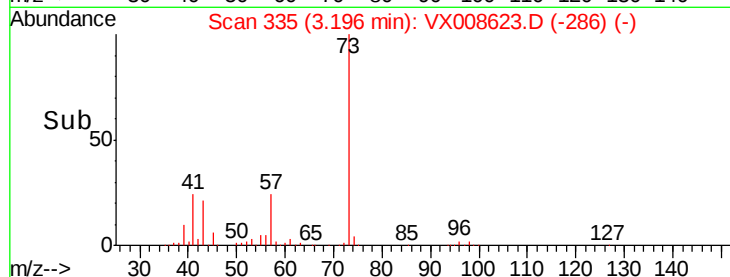
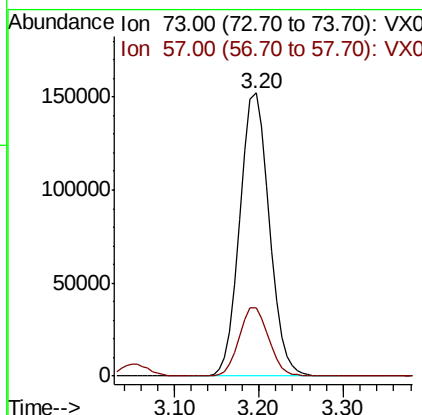
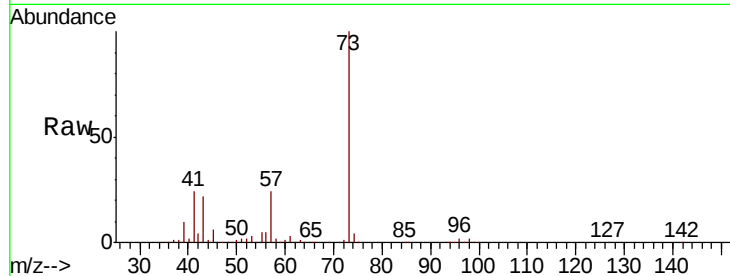




#19
Methyl tert-butyl Ether
Concen: 45.455 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

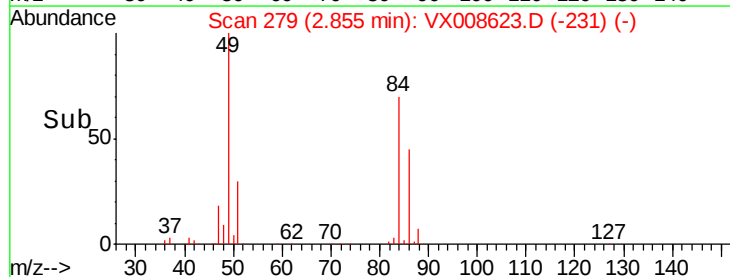
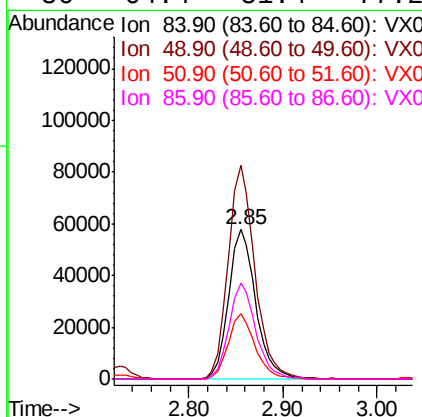
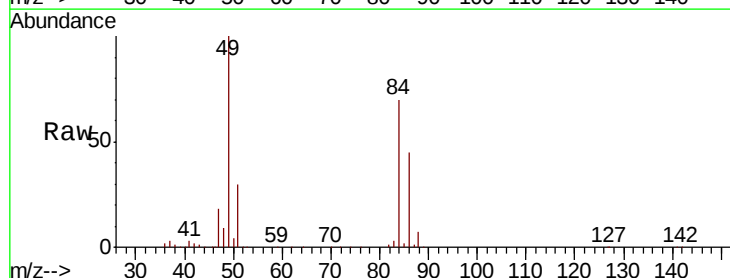
Instrument :
MSVOA_X
ClientSampleId :
BFB

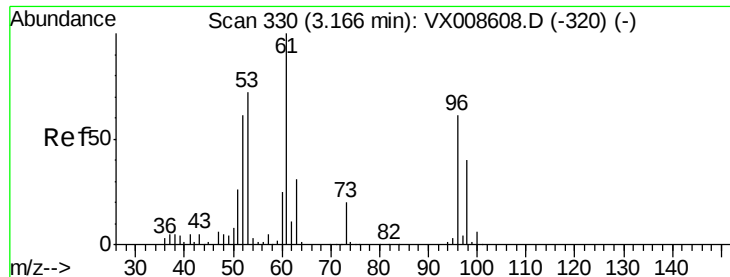
Tot Ion: 73 Resp: 359019
Ion Ratio Lower Upper
73 100
57 24.1 19.5 29.3



#20
Methylene Chloride
Concen: 43.015 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 84 Resp: 115717
Ion Ratio Lower Upper
84 100
49 142.8 109.7 164.5
51 43.2 33.6 50.4
86 64.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 42.956 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

BFB

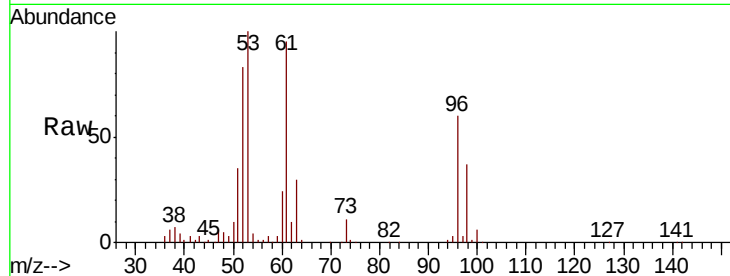
Tot Ion: 96 Resp: 102763

Ion Ratio Lower Upper

96 100

61 158.0 132.1 198.1

98 62.0 52.2 78.2



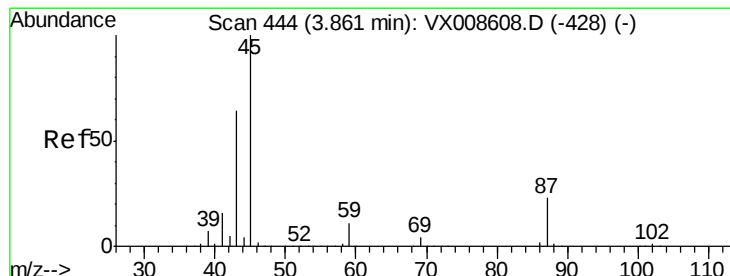
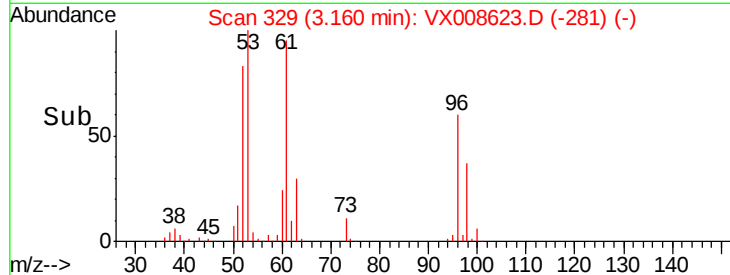
Abundance

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

Time-->



#22

Diisopropyl ether

Concen: 44.466 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Tgt Ion: 45 Resp: 433924

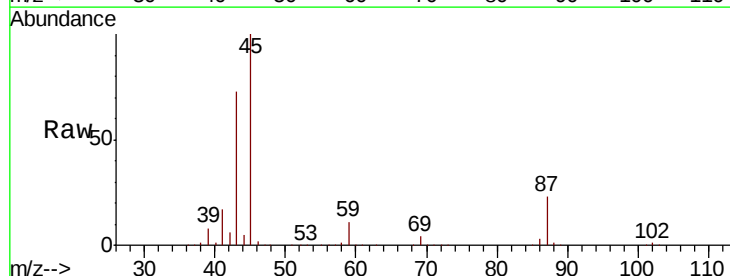
Ion Ratio Lower Upper

45 100

43 72.9 51.3 76.9

87 22.8 18.1 27.1

59 11.2 8.6 13.0



Abundance

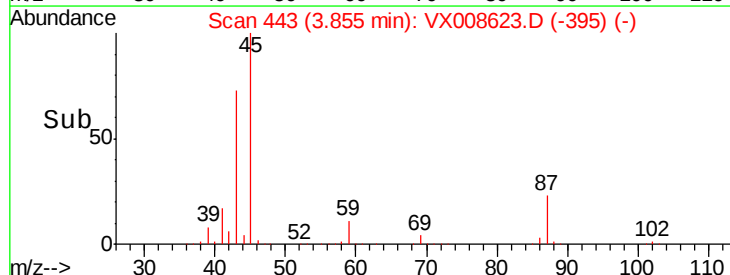
Ion 45.00 (44.70 to 45.70): VX0

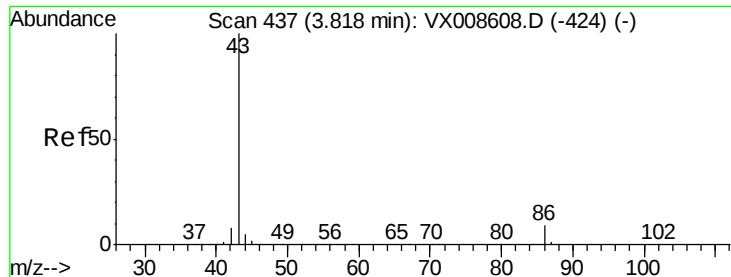
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->





#23

Vinyl Acetate

Concen: 231.294 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

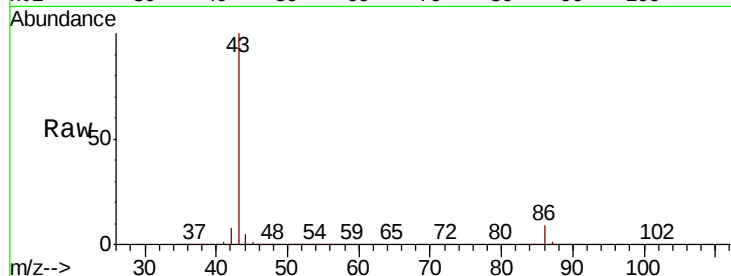
BFB

Tot Ion: 43 Resp: 1963528

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

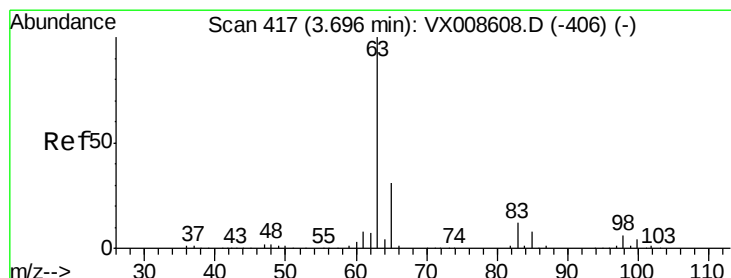
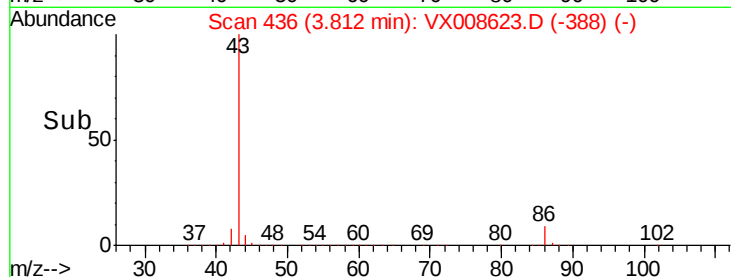
600000

400000

200000

0

Time--> 3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 44.587 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

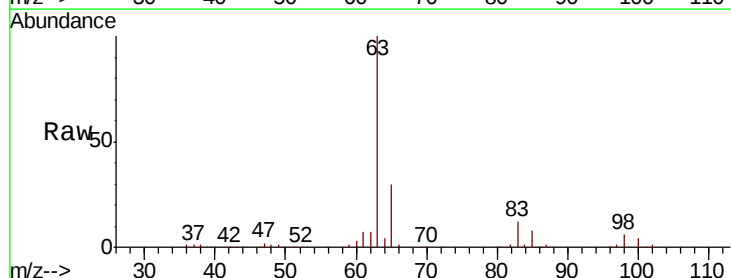
Tgt Ion: 63 Resp: 215424

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

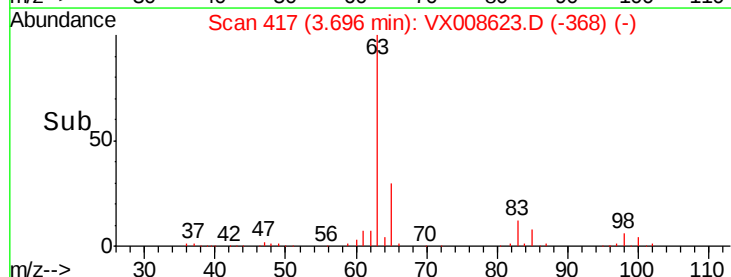
60000

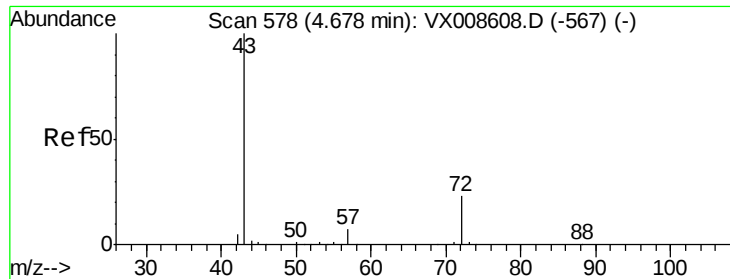
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 229.268 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

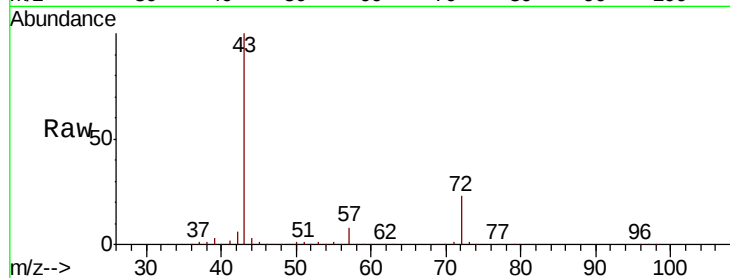
BFB

Tot Ion: 43 Resp: 582370

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

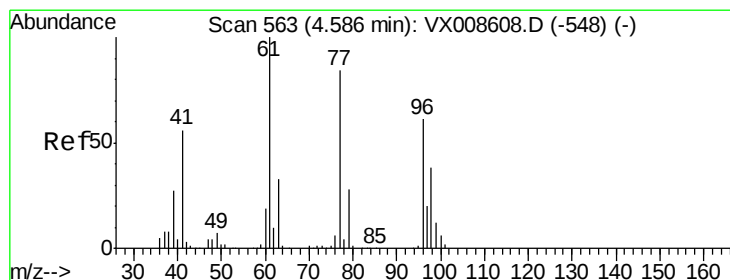
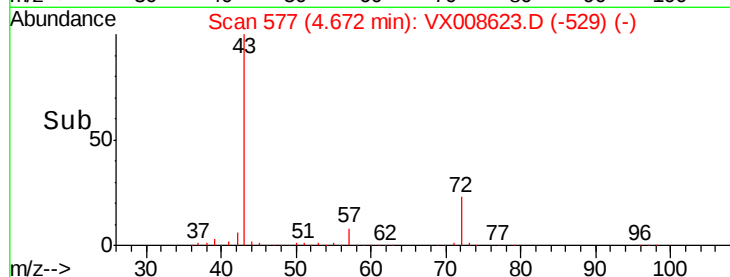
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.096 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008623.D

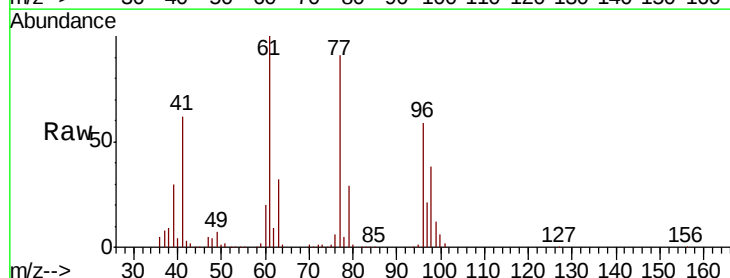
Acq: 03 Apr 2019 19:17

Tgt Ion: 77 Resp: 146654

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

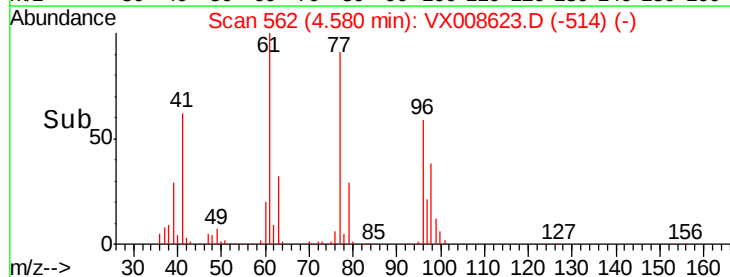
30000

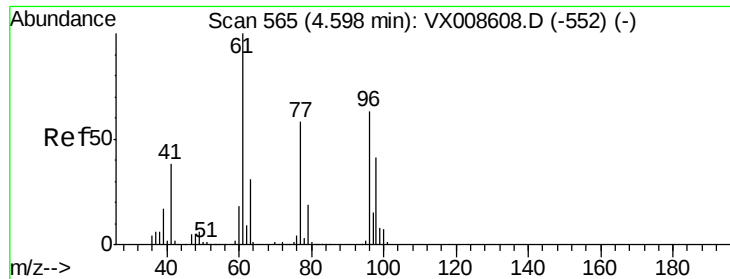
20000

10000

0

Time-->



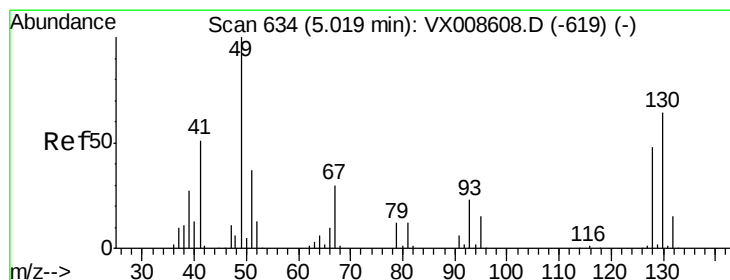
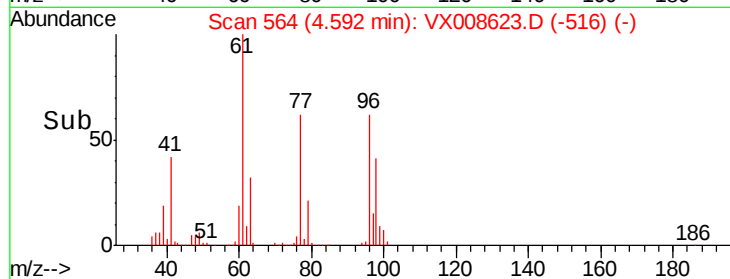
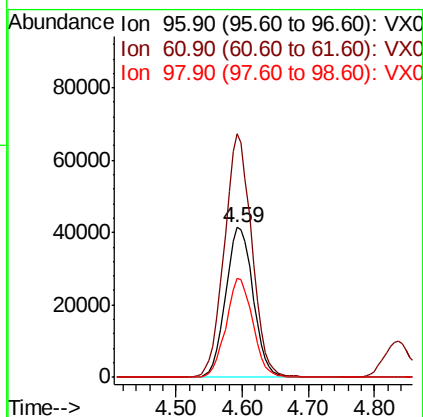
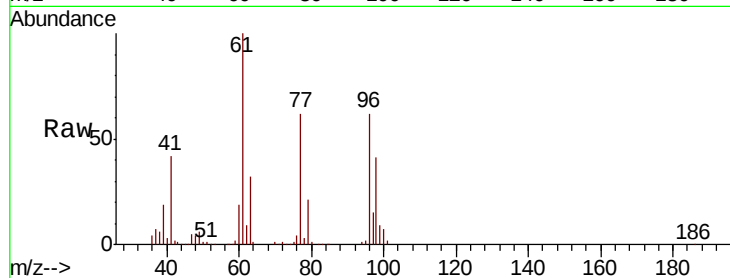


#27

cis-1,2-Dichloroethene
Concen: 43.385 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampled :
BFB

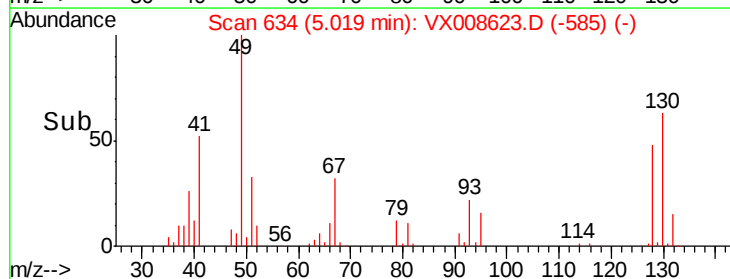
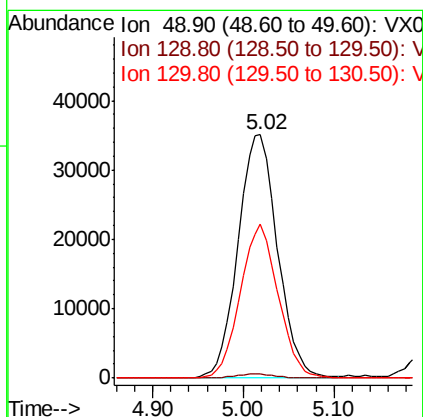
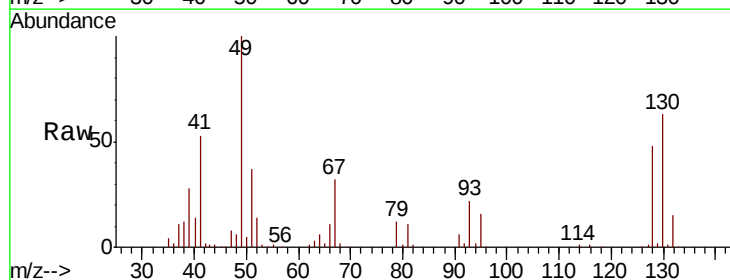
Tot Ion: 96 Resp: 119329
Ion Ratio Lower Upper
96 100
61 161.8 0.0 327.6
98 64.3 0.0 128.6

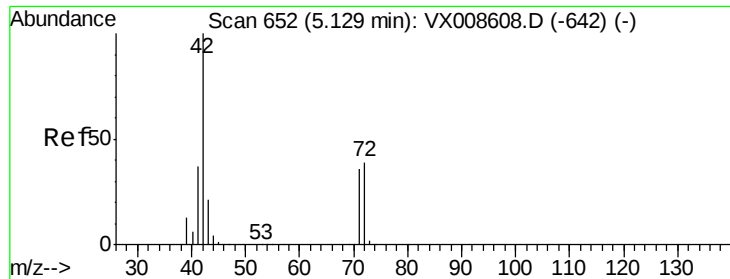


#28

Bromochloromethane
Concen: 52.764 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 49 Resp: 106153
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 60.8 49.3 73.9

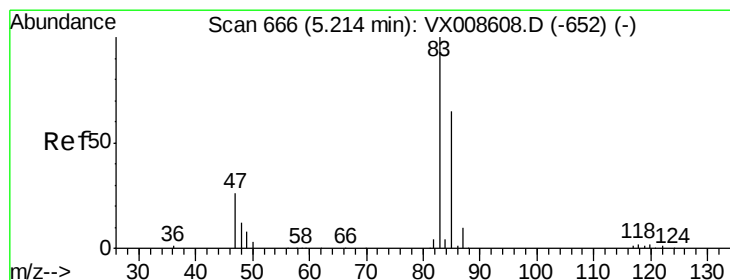
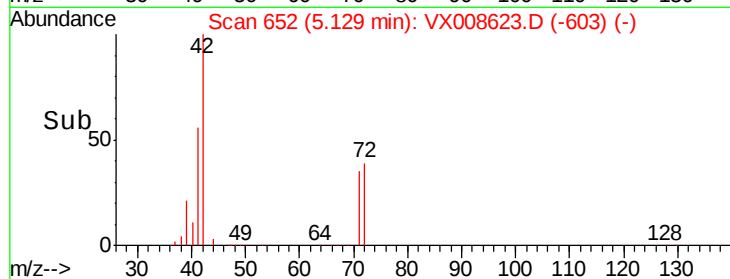
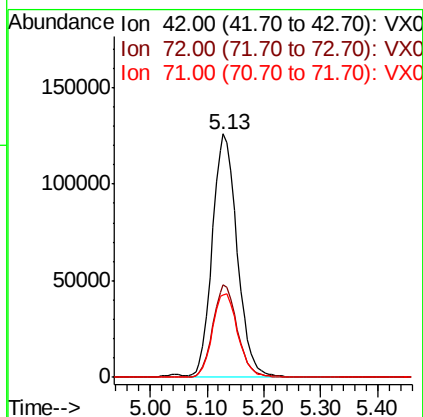
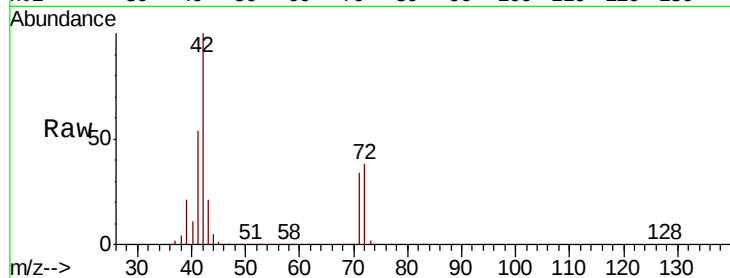




#29
Tetrahydrofuran
Concen: 225.675 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

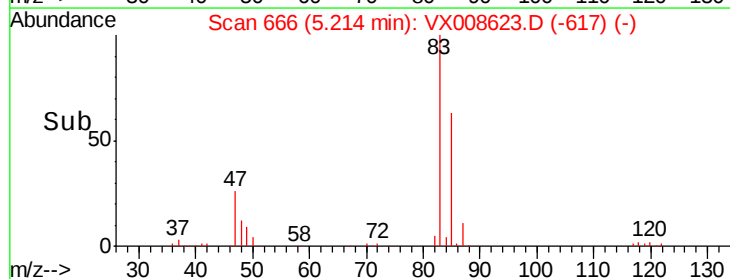
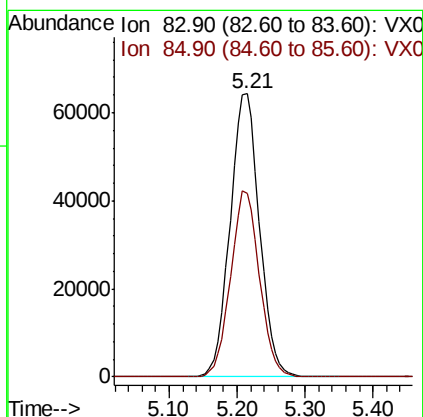
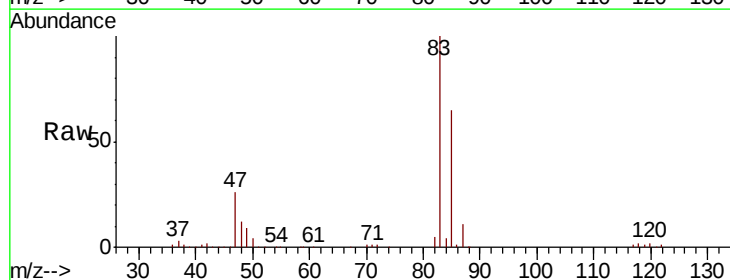
Instrument :
MSVOA_X
ClientSampleId :
BFB

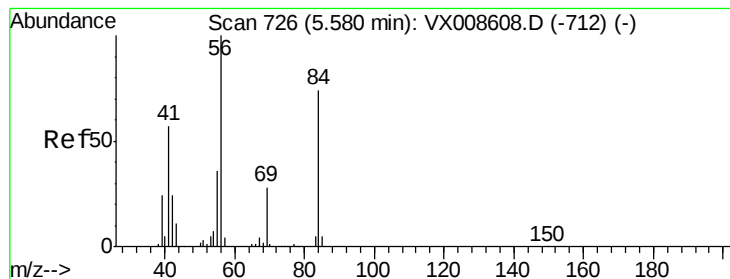
Tot Ion: 42 Resp: 380474
Ion Ratio Lower Upper
42 100
72 37.8 30.5 45.7
71 35.5 28.6 43.0



#30
Chloroform
Concen: 44.606 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 83 Resp: 192492
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1





#31

Cyclohexane

Concen: 43.442 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

BFB

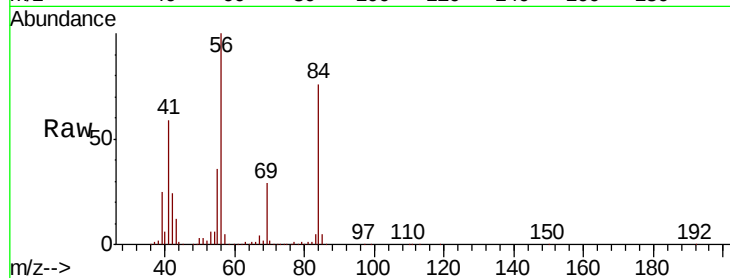
Tot Ion: 56 Resp: 209438

Ion Ratio Lower Upper

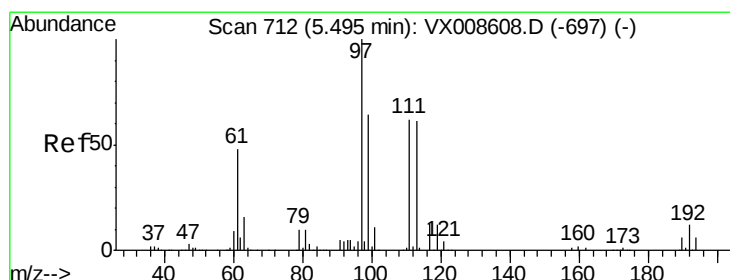
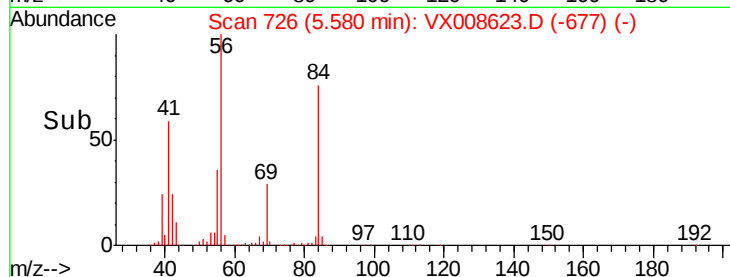
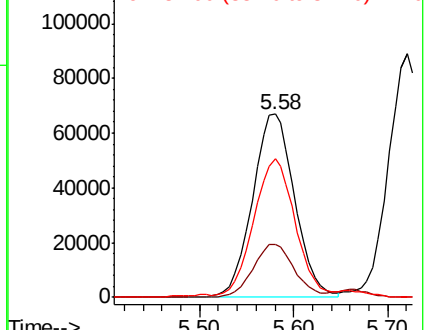
56 100

69 29.2 22.6 33.8

84 74.9 59.3 88.9



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



#32

1,1,1-Trichloroethane

Concen: 45.145 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

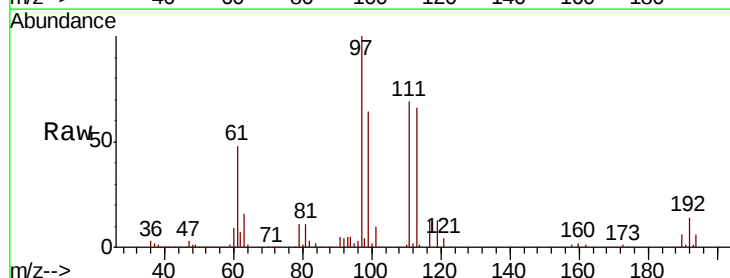
Tgt Ion: 97 Resp: 157432

Ion Ratio Lower Upper

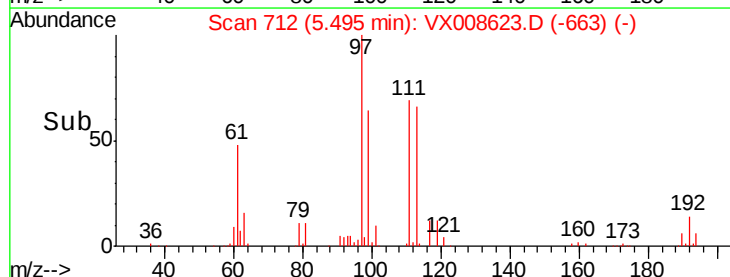
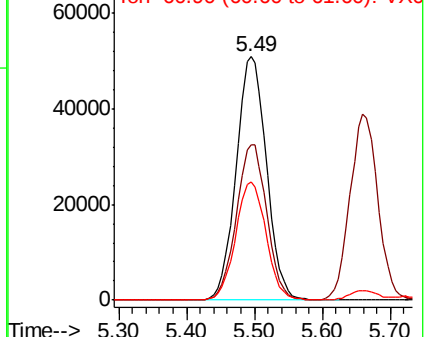
97 100

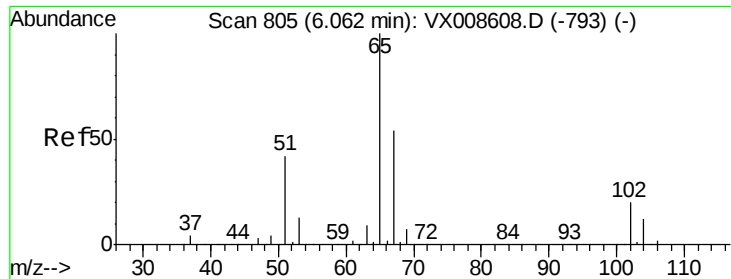
99 64.0 51.3 76.9

61 48.9 38.9 58.3



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

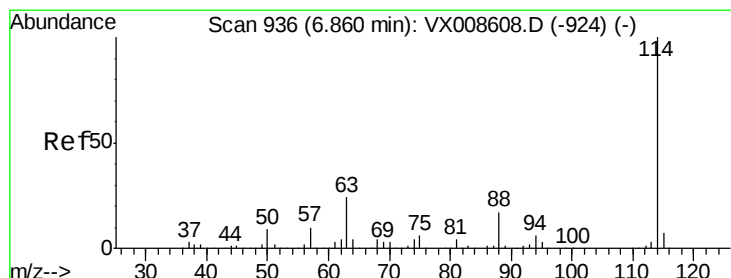
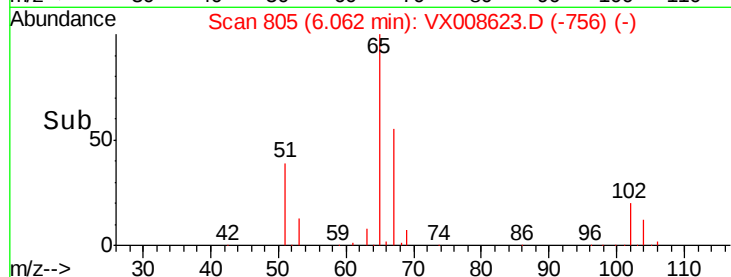
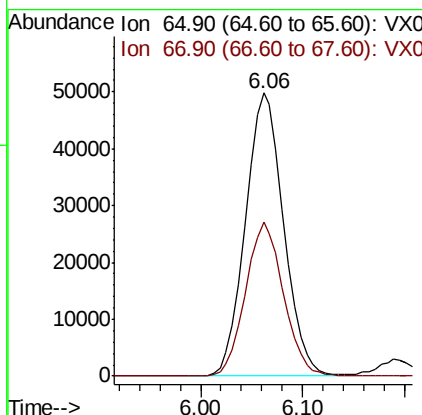
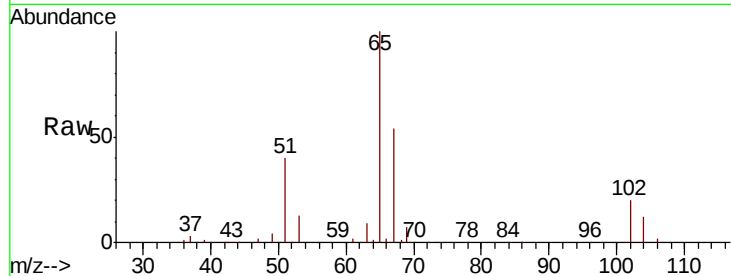




#33
 1,2-Dichloroethane-d4
 Concen: 46.493 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

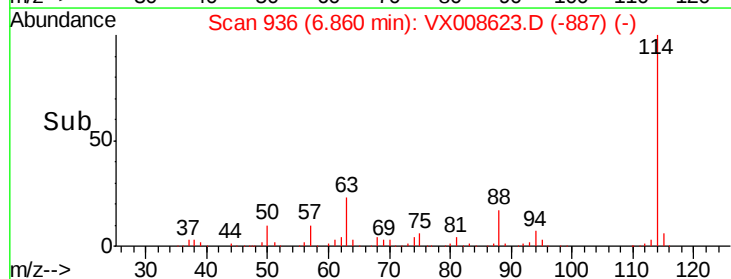
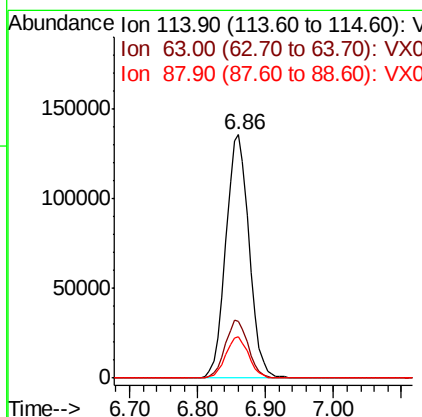
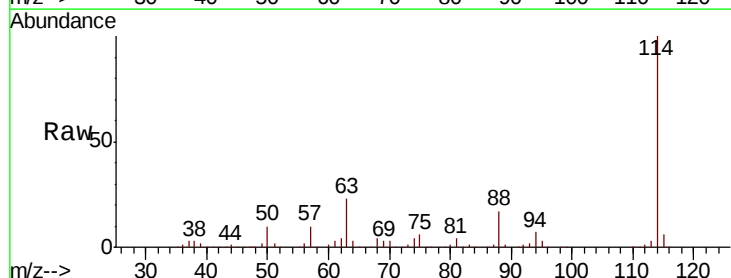
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

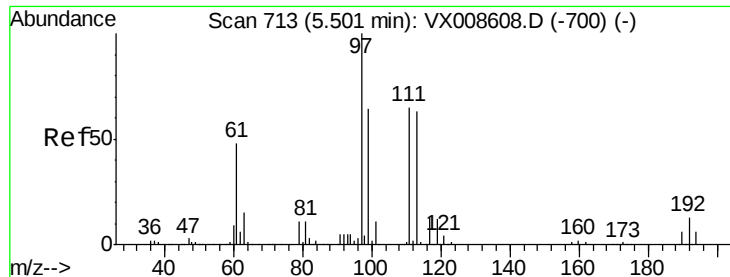
Tot Ion: 65 Resp: 129731
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 114 Resp: 322148
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.496 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

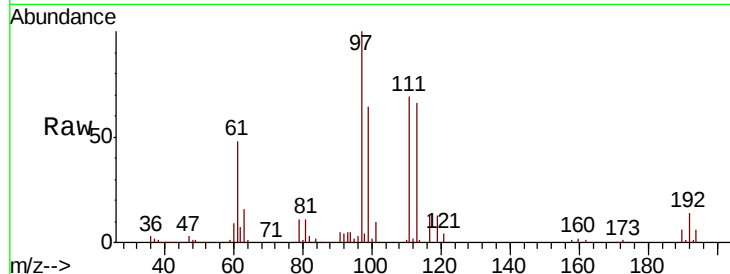
Tot Ion:113 Resp: 95767

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

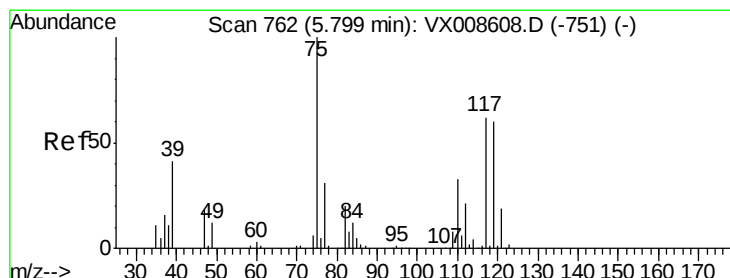
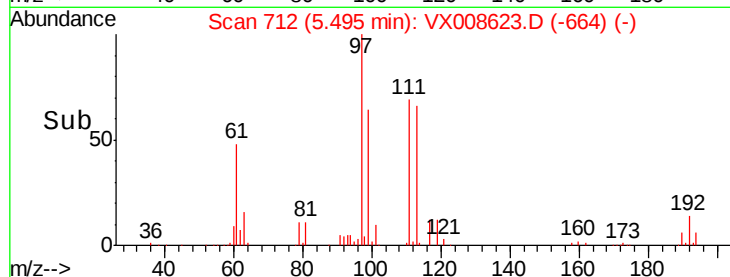
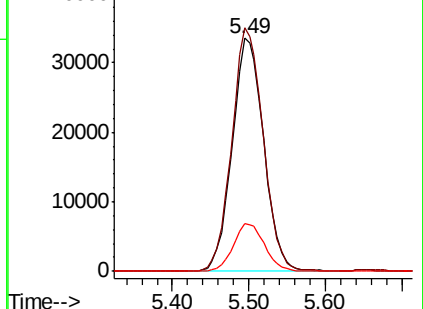
192 20.4 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.948 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

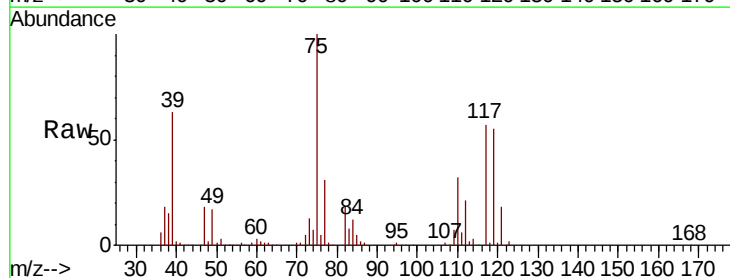
Tgt Ion: 75 Resp: 151237

Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.2

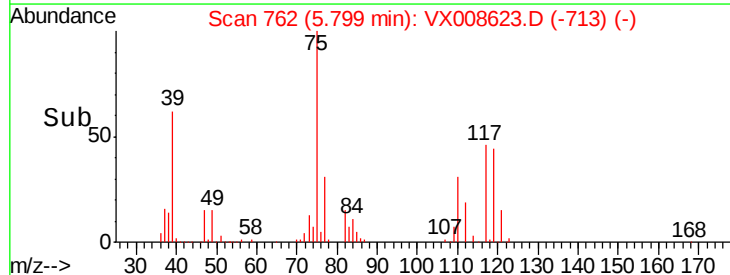
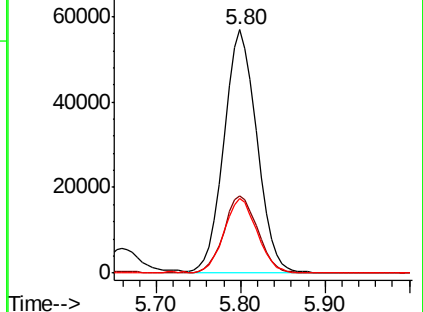
77 31.0 24.7 37.1

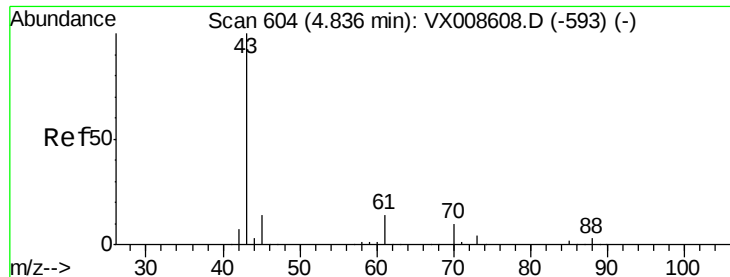


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

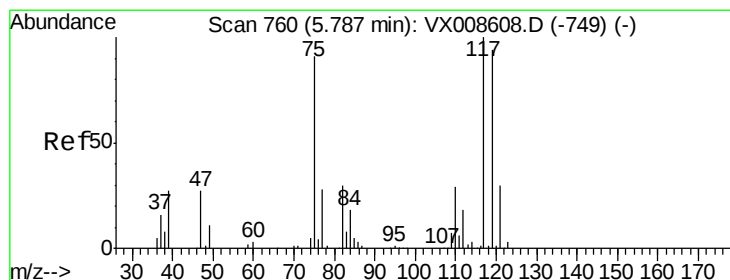
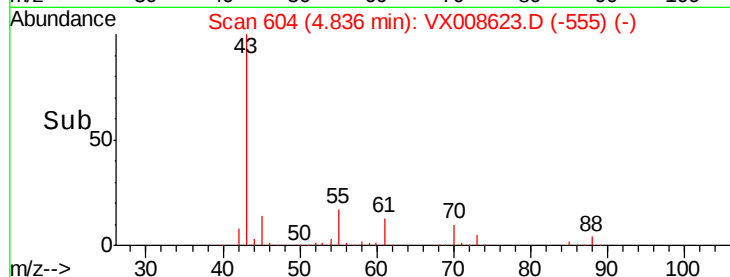
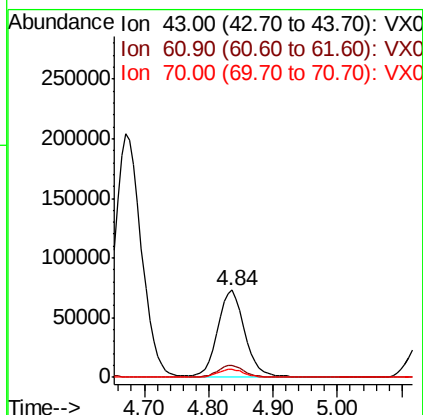
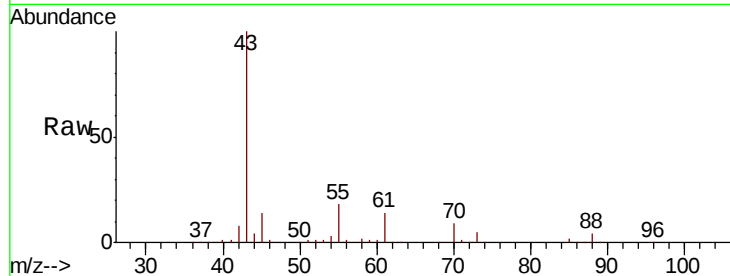




#37
Ethyl Acetate
Concen: 46.010 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

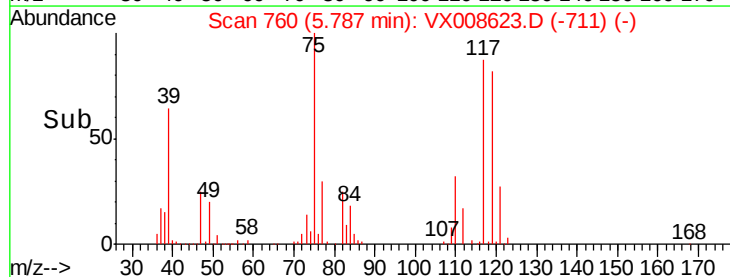
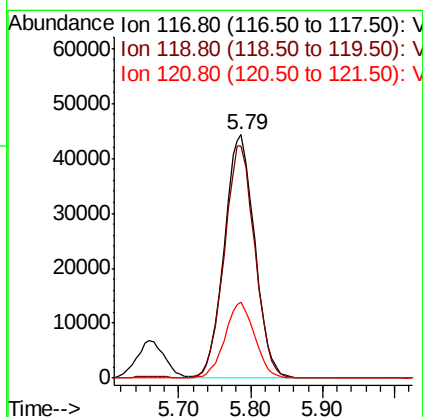
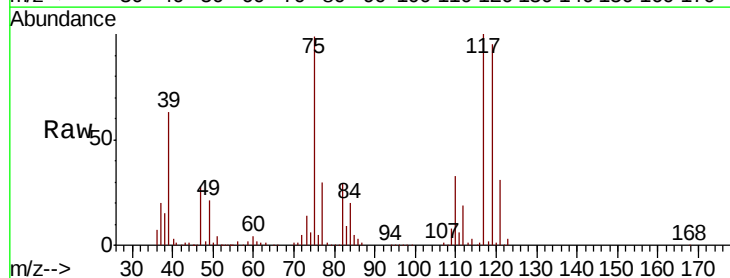
Instrument :
MSVOA_X
ClientSampled :
BFB

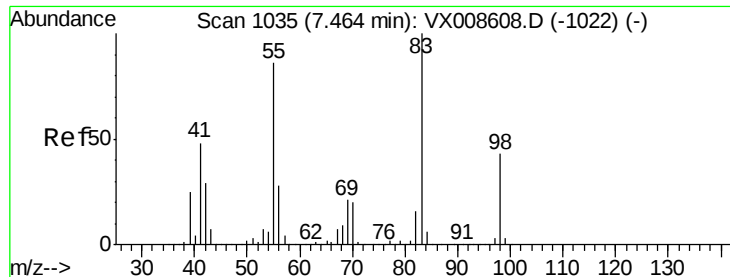
Tot Ion: 43 Resp: 216264
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 44.704 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 117 Resp: 130291
Ion Ratio Lower Upper
117 100
119 95.1 75.0 112.6
121 31.1 24.3 36.5

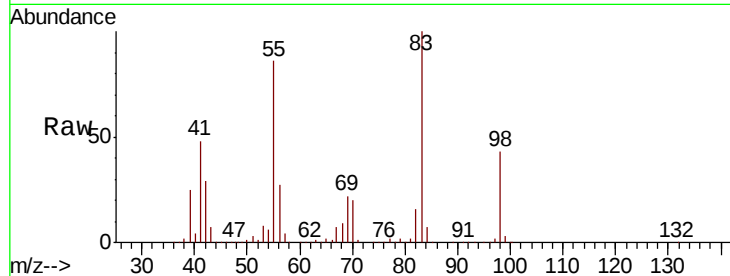




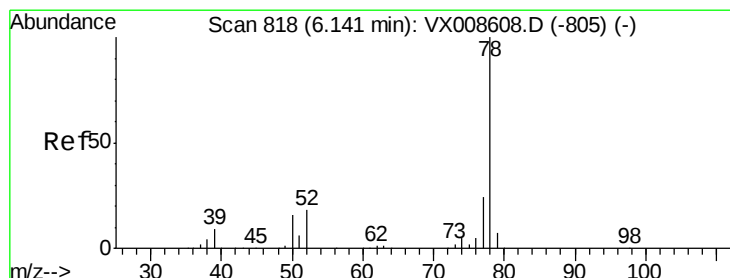
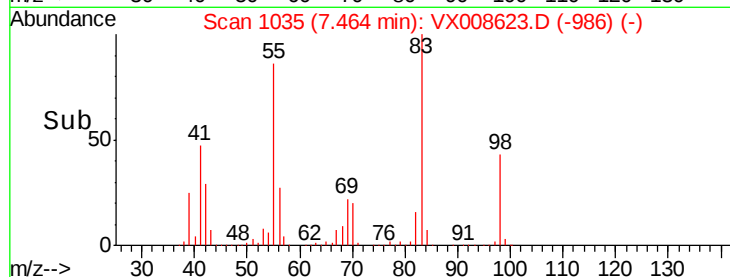
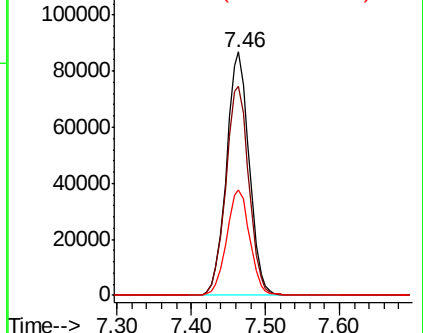
#39
Methvlcvclohexane
Concen: 42.635 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 83 Resp: 185466
Ion Ratio Lower Upper
83 100
55 85.8 69.0 103.6
98 43.1 34.4 51.6

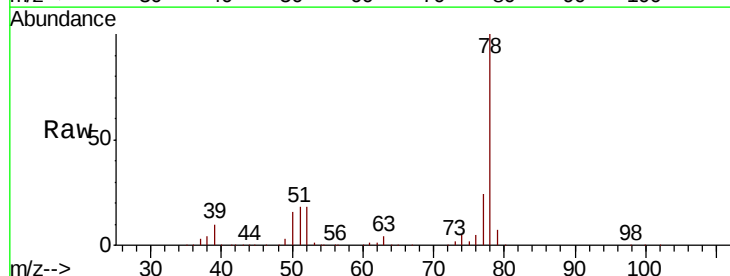


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

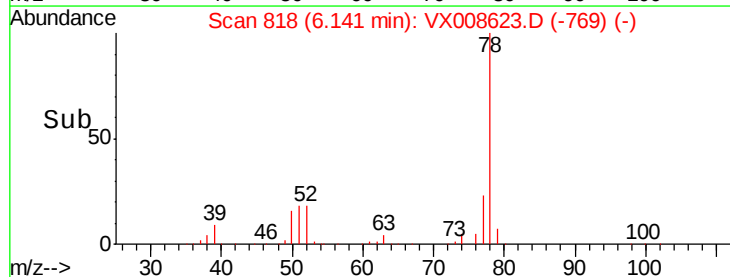
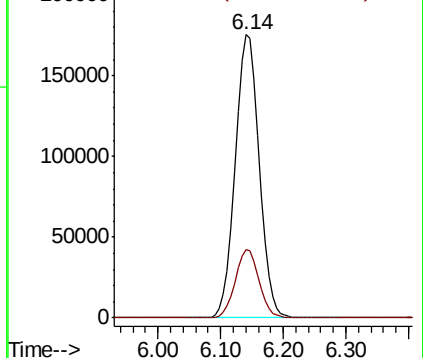


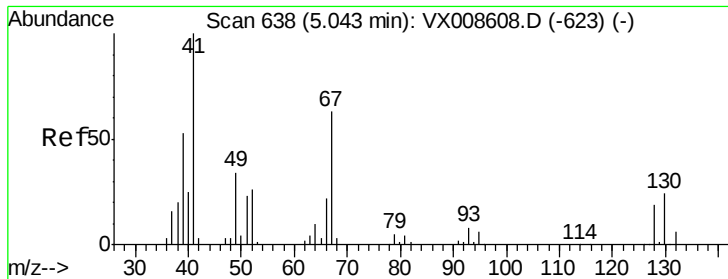
#40
Benzene
Concen: 44.295 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 78 Resp: 464683
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

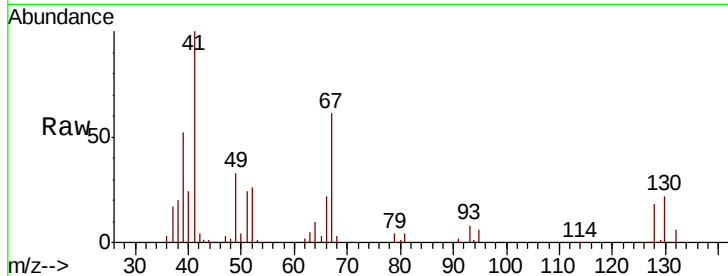




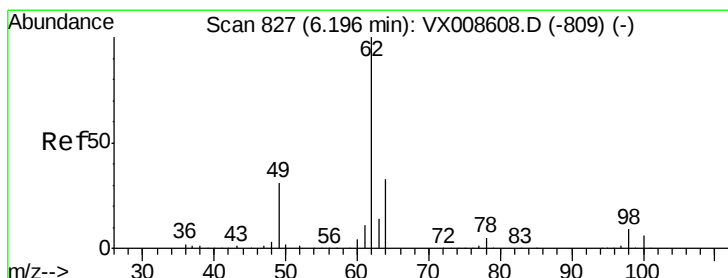
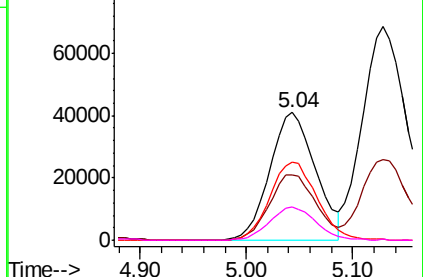
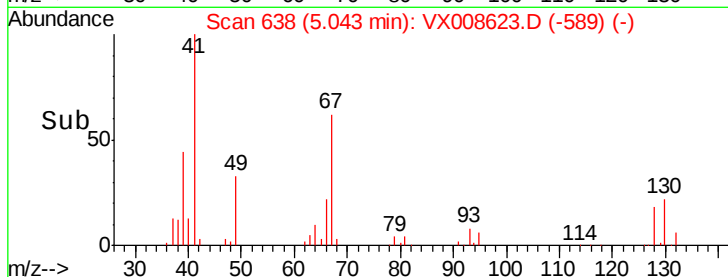
#41
Methacrylonitrile
Concen: 45.067 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 41 Resp: 121762
Ion Ratio Lower Upper
41 100
39 52.4 42.1 63.1
67 63.4 51.0 76.6
52 25.9 21.4 32.0

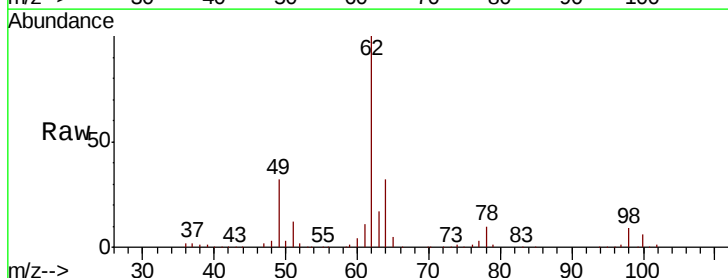


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

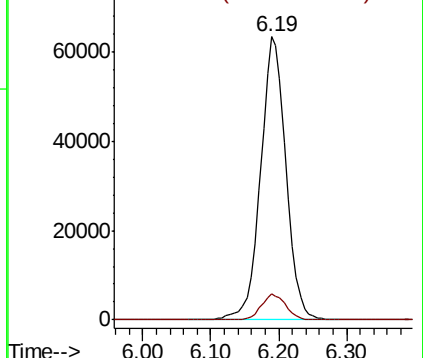
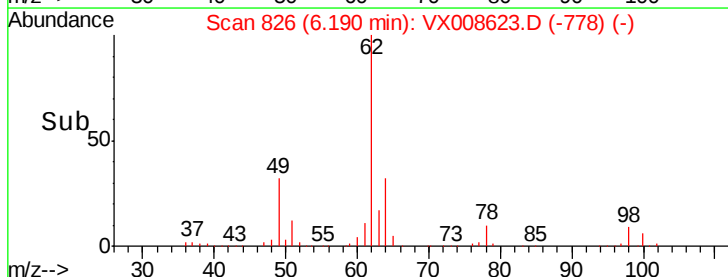


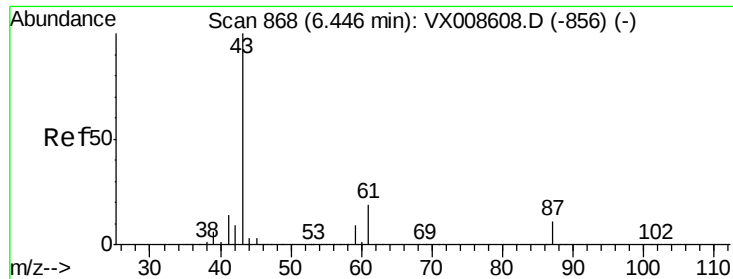
#42
1,2-Dichloroethane
Concen: 43.853 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 62 Resp: 164926
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0



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



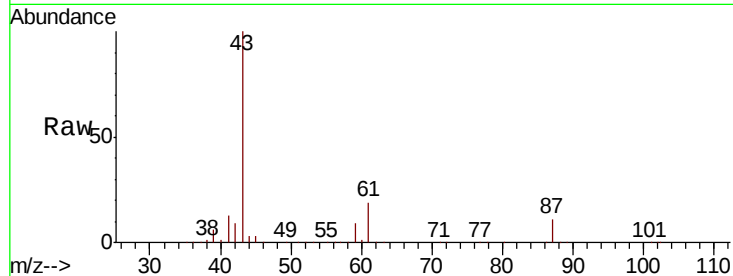


#43

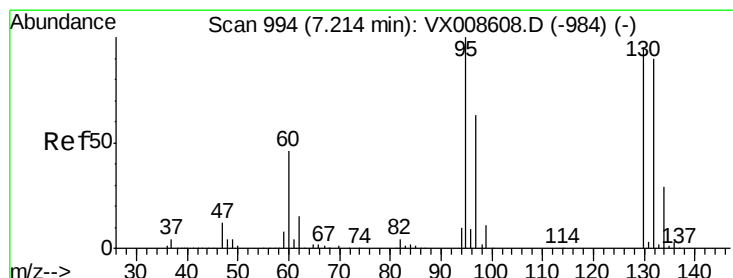
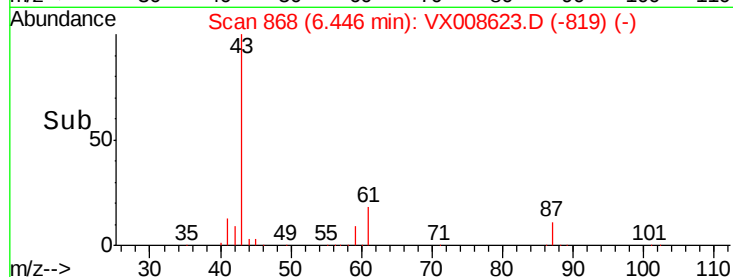
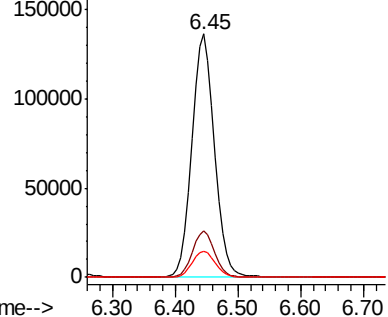
Isopropyl Acetate
 Concen: 45.988 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion: 43 Resp: 338610
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.3 22.9
 87 11.2 9.0 13.6



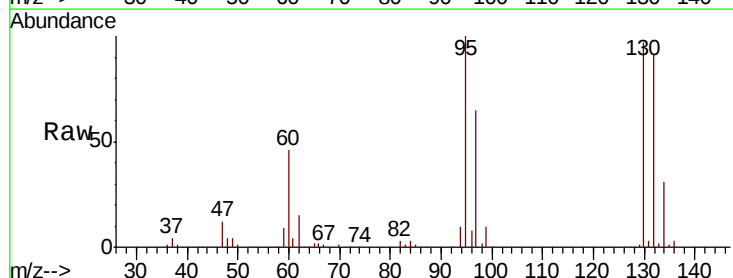
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



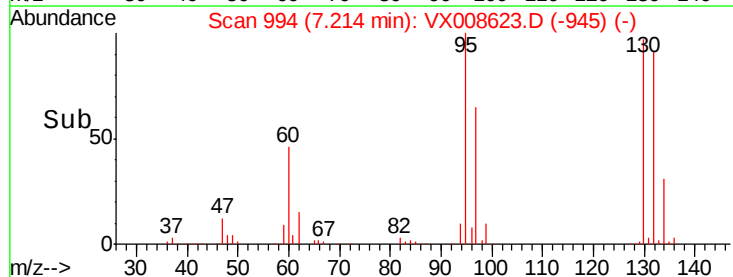
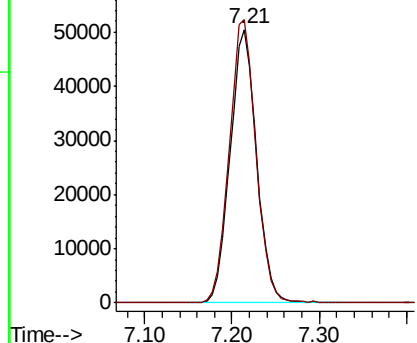
#44

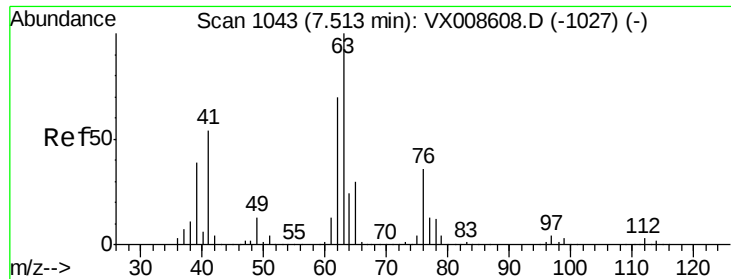
Trichloroethene
 Concen: 43.590 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion:130 Resp: 106505
 Ion Ratio Lower Upper
 130 100
 95 103.6 0.0 209.8



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

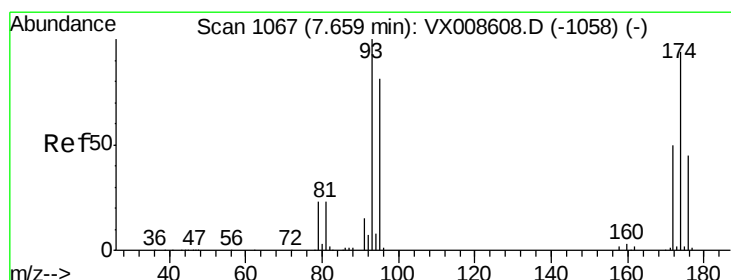
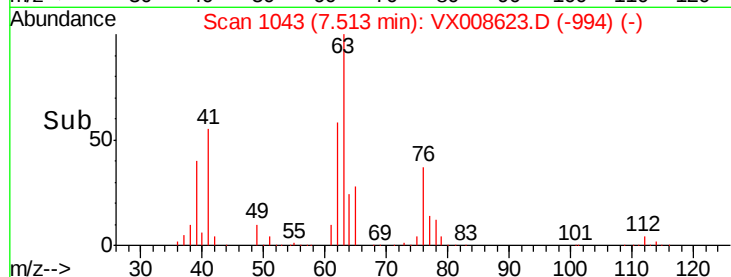
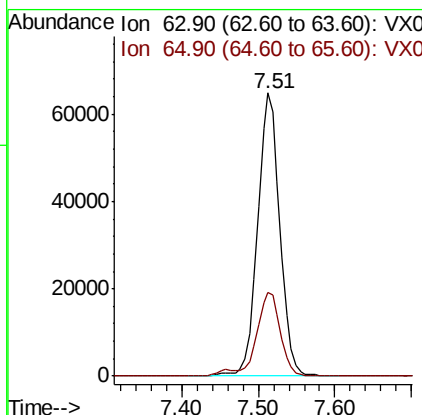
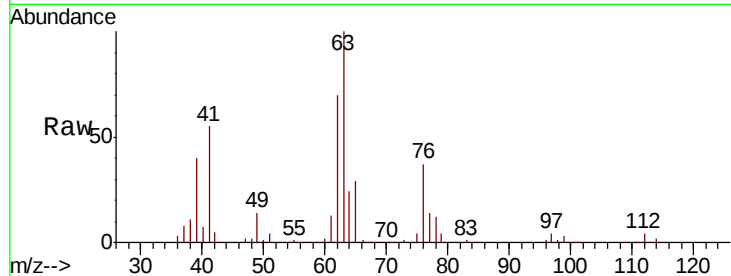




#45
 1,2-Dichloropropane
 Concen: 43.958 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

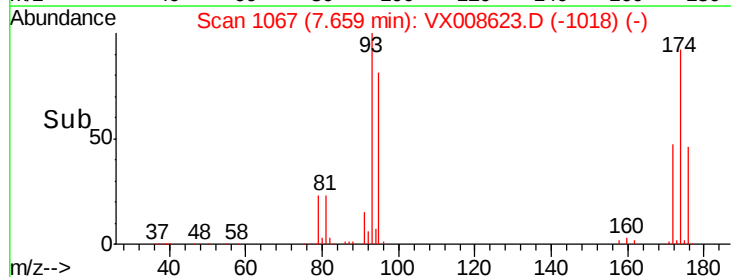
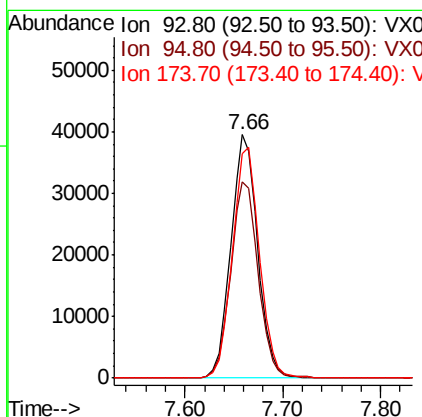
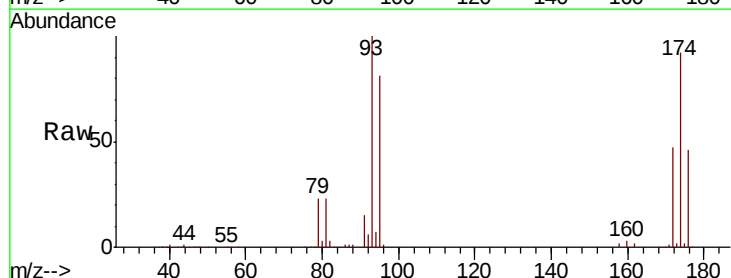
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

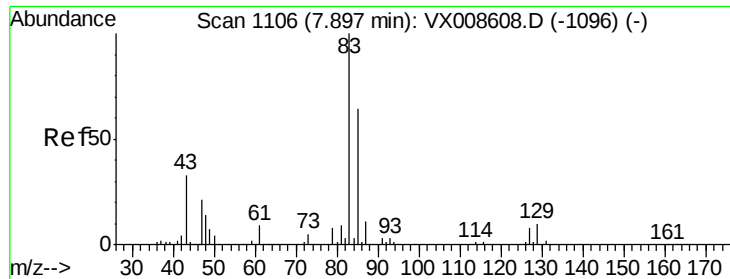
Tot Ion: 63 Resp: 131624
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.2 36.4



#46
 Dibromomethane
 Concen: 43.151 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 93 Resp: 74937
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 99.8
 174 96.2 77.7 116.5





#47

Bromodichloromethane

Concen: 45.292 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

BFB

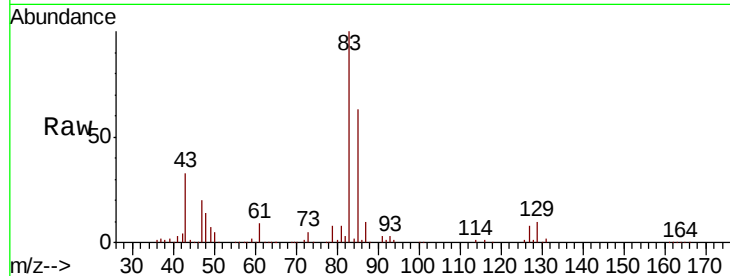
Tot Ion: 83 Resp: 148305

Ion Ratio Lower Upper

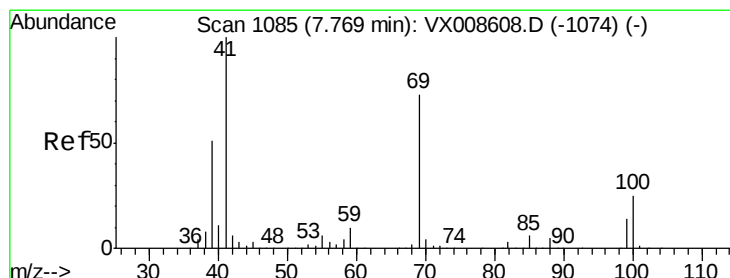
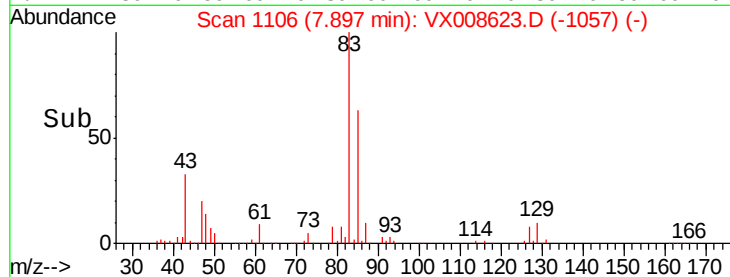
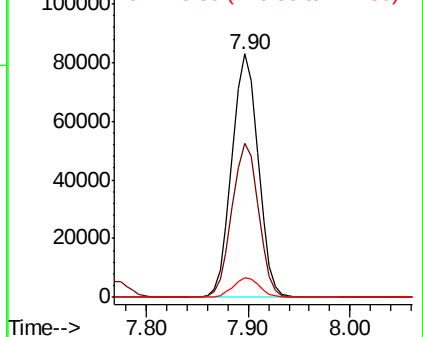
83 100

85 63.0 51.2 76.8

127 7.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.169 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

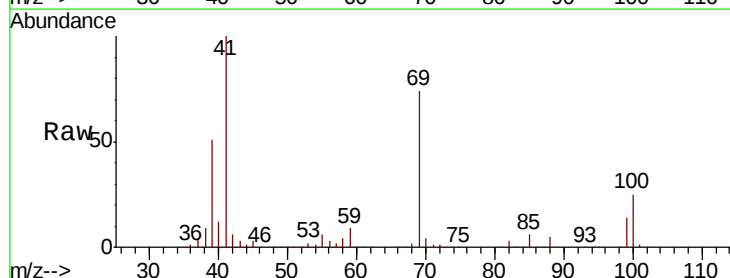
Tgt Ion: 41 Resp: 171962

Ion Ratio Lower Upper

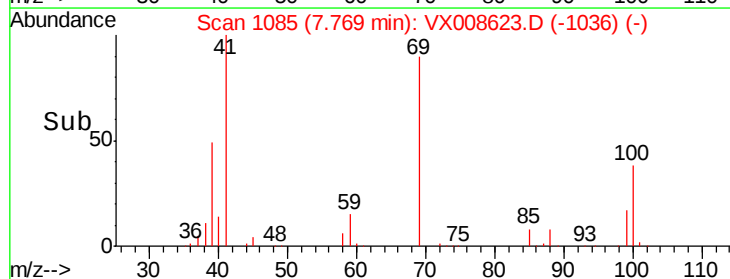
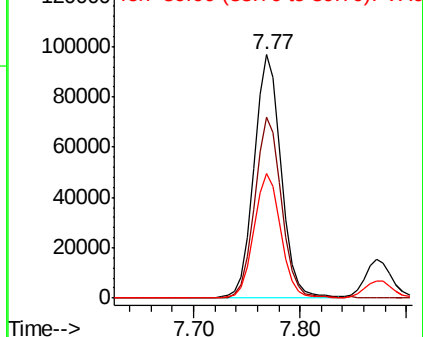
41 100

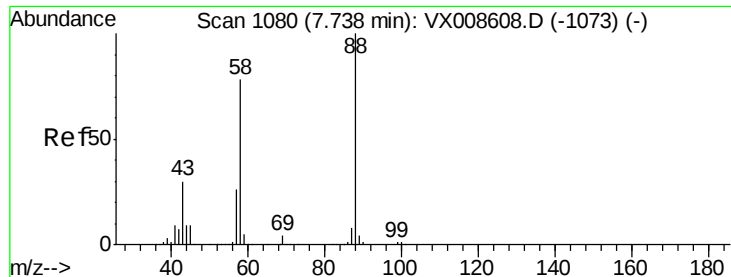
69 74.0 59.0 88.4

39 51.0 41.0 61.4



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

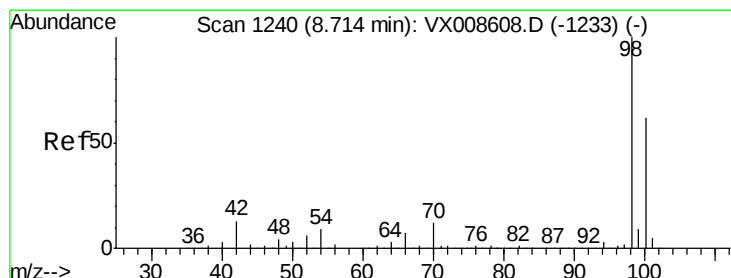
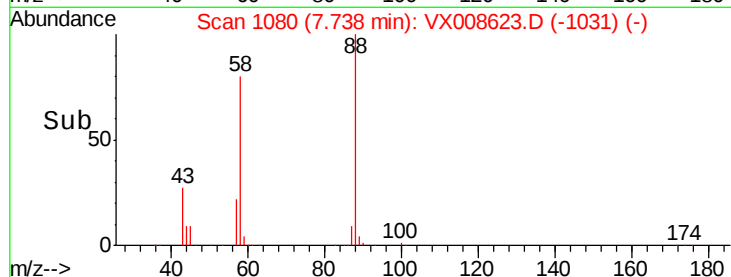
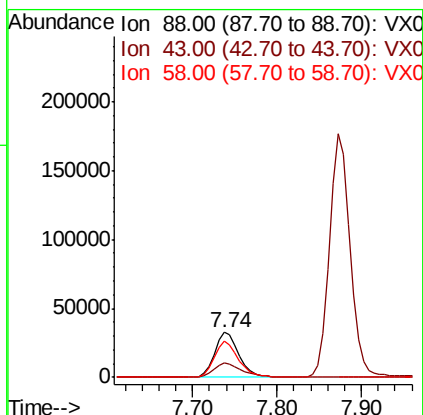
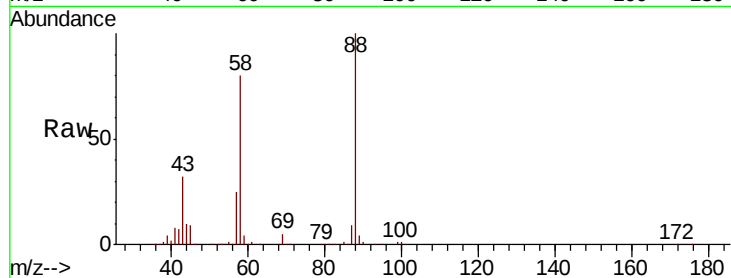




#49
1,4-Dioxane
Concen: 924.417 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

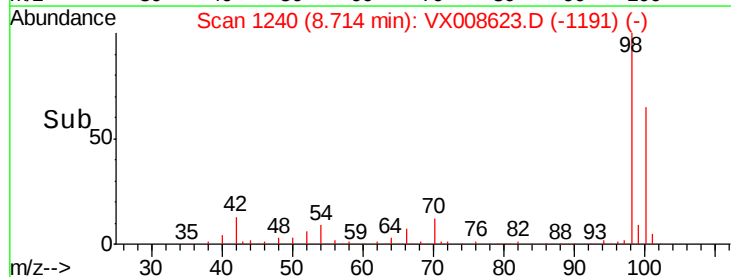
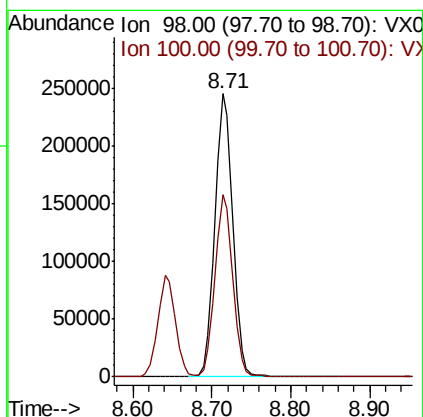
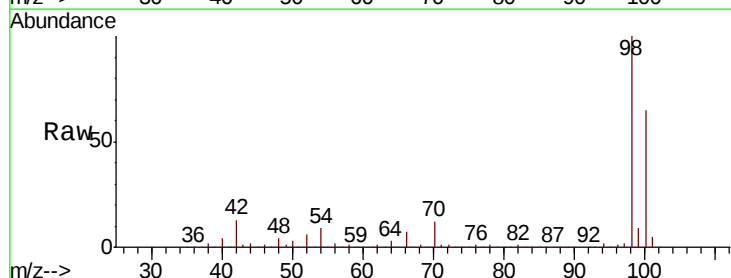
Instrument :
MSVOA_X
ClientSampleId :
BFB

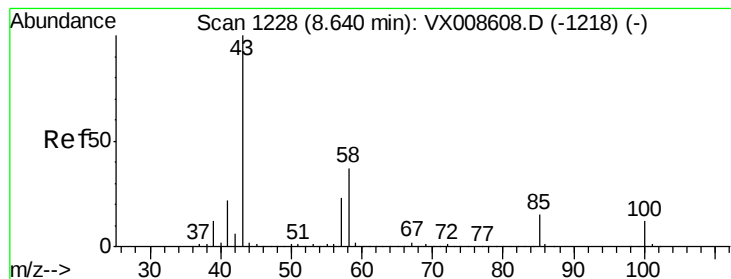
Tot Ion: 88 Resp: 64499
Ion Ratio Lower Upper
88 100
43 36.7 28.6 43.0
58 80.8 62.2 93.2



#50
Toluene-d8
Concen: 47.481 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 98 Resp: 389400
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 236.862 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

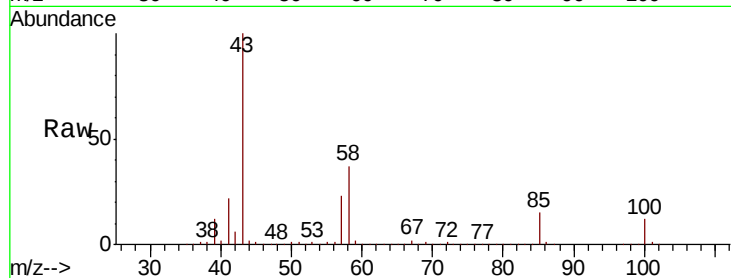
BFB

Tot Ion: 43 Resp: 1122701

Ion Ratio Lower Upper

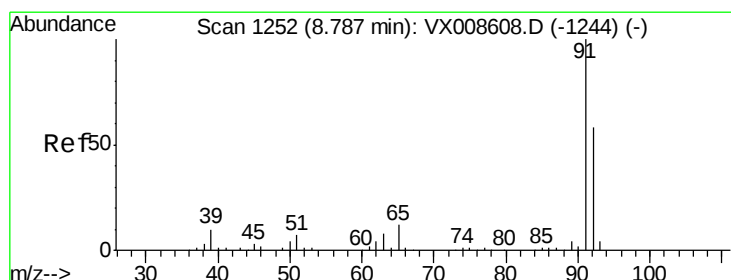
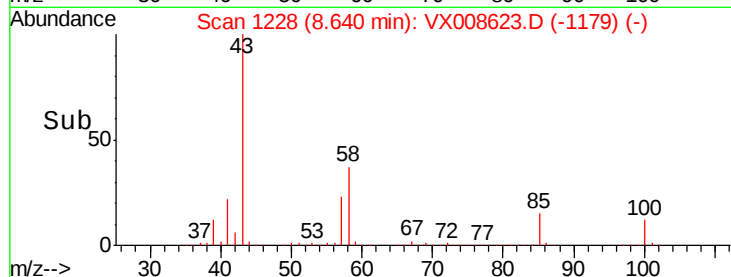
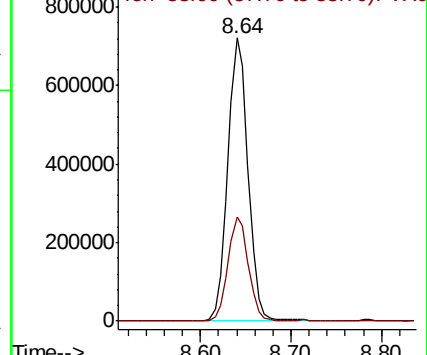
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 44.813 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008623.D

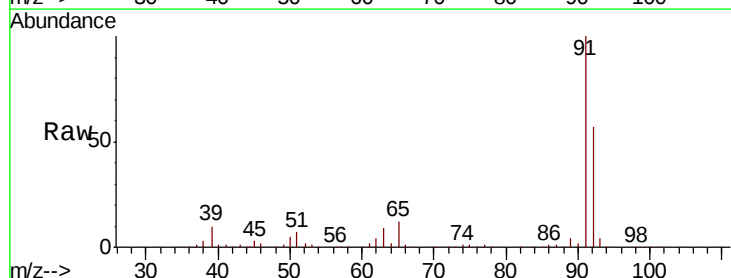
Acq: 03 Apr 2019 19:17

Tgt Ion: 92 Resp: 277158

Ion Ratio Lower Upper

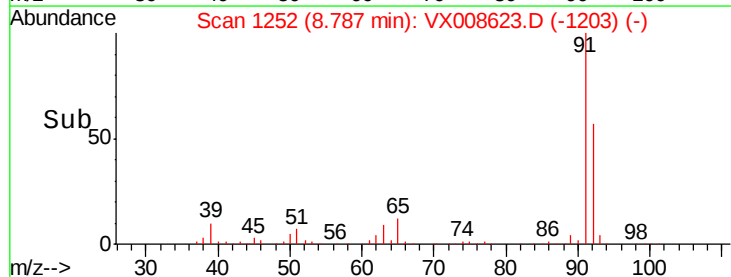
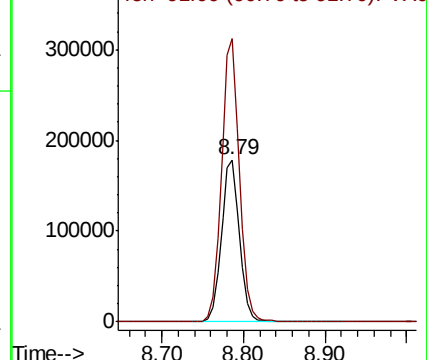
92 100

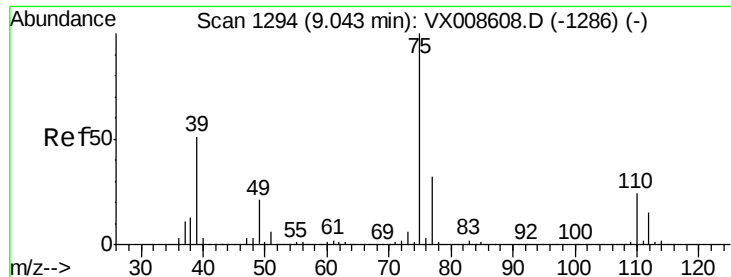
91 173.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

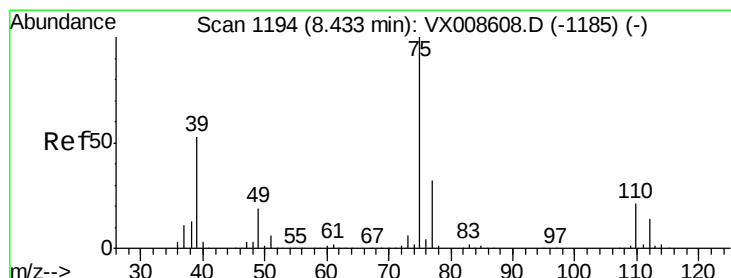
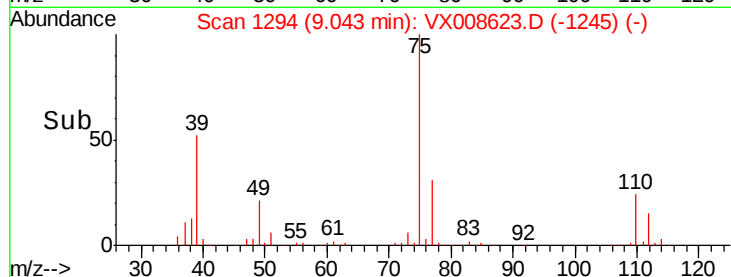
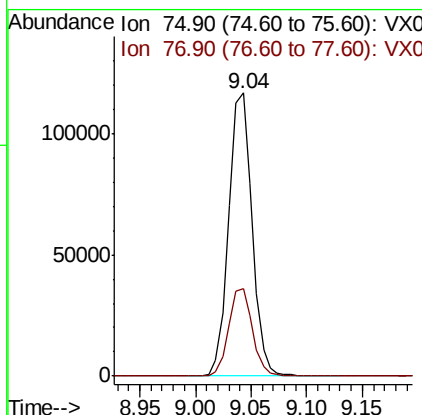
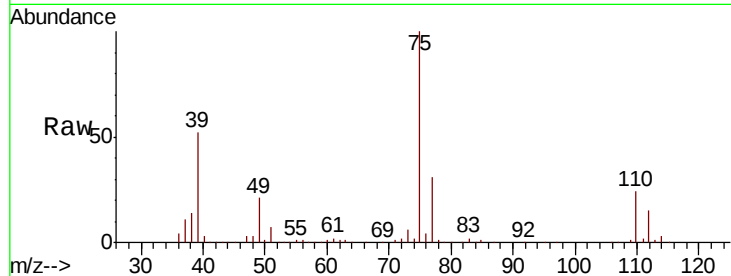




#53
 t-1,3-Dichloropropene
 Concen: 46.357 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

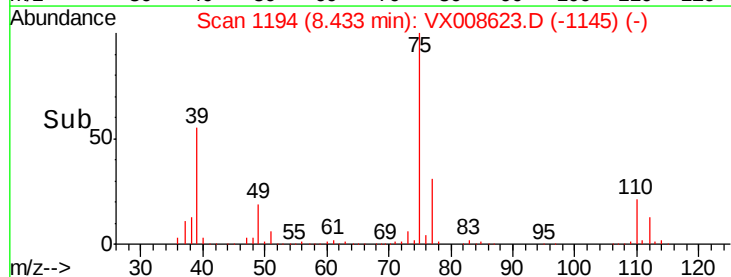
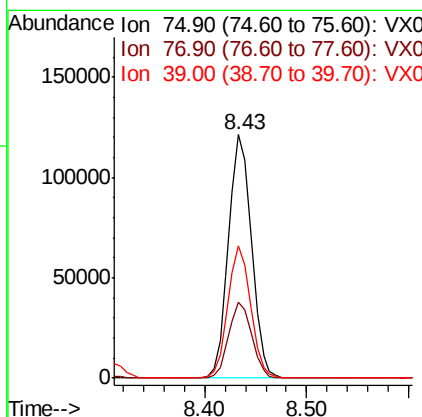
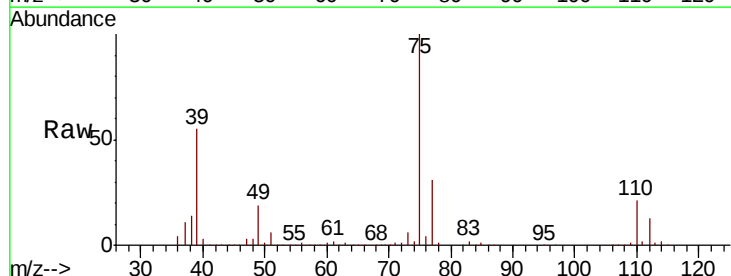
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

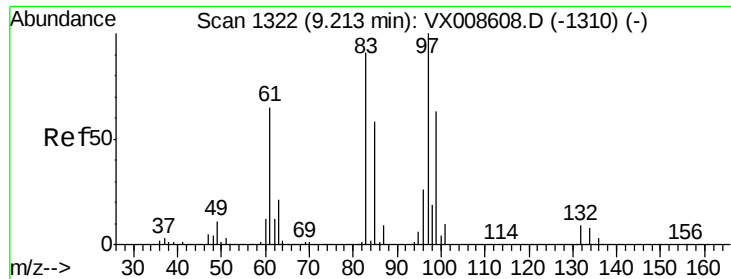
Tot Ion: 75 Resp: 170033
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.349 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 75 Resp: 190063
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 54.4 42.6 63.8

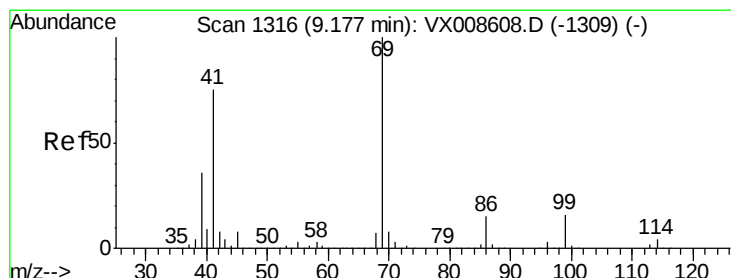
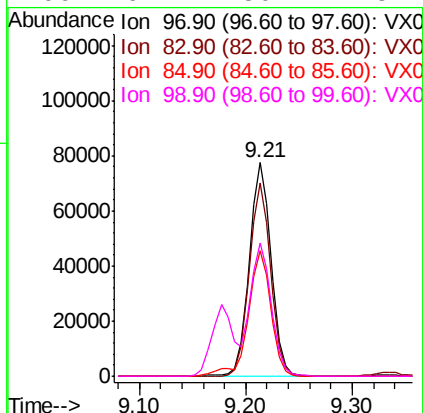
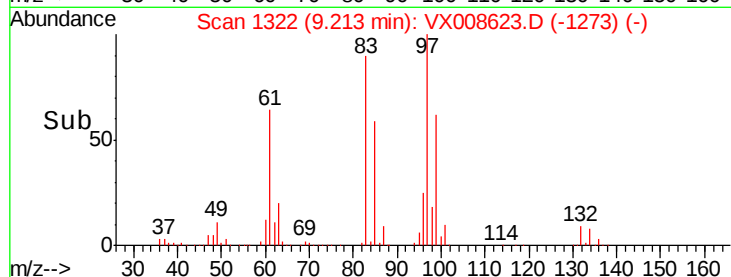
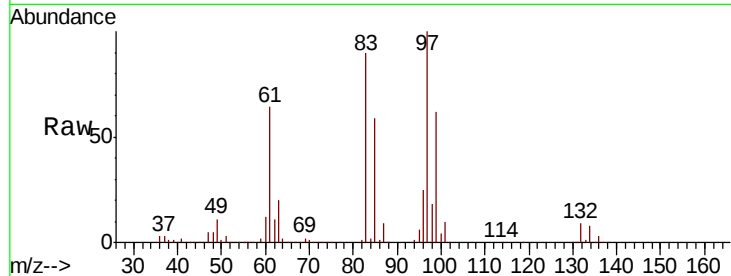




#55
 1,1,2-Trichloroethane
 Concen: 44.883 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

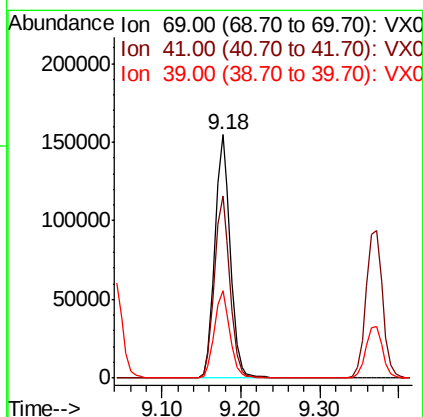
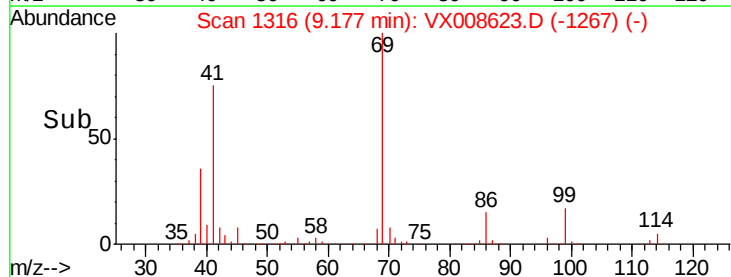
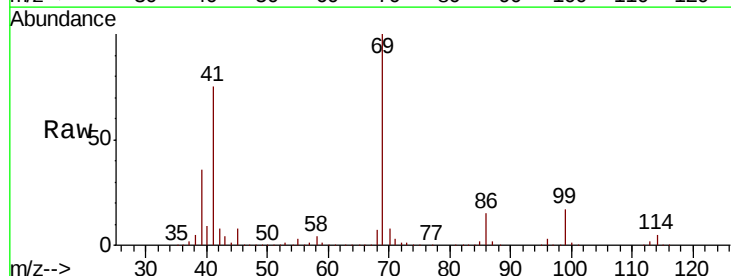
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

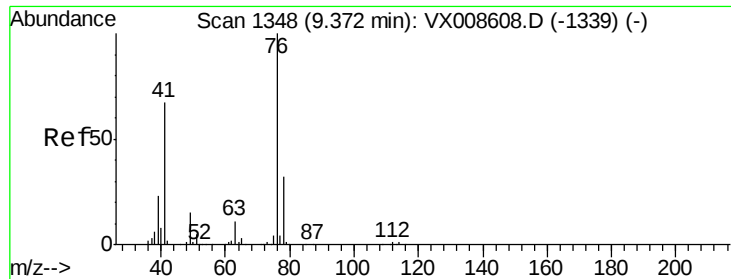
Tot Ion:	97	Resp:	111427
Ion	Ratio	Lower	Upper
97	100		
83	90.5	73.2	109.8
85	58.6	46.6	69.8
99	62.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 47.228 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion:	69	Resp:	212140
Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.1	90.1
39	36.0	28.9	43.3

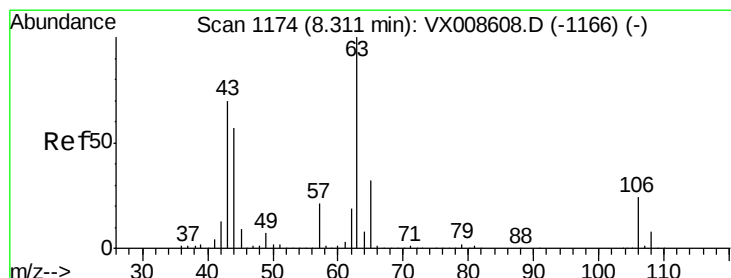
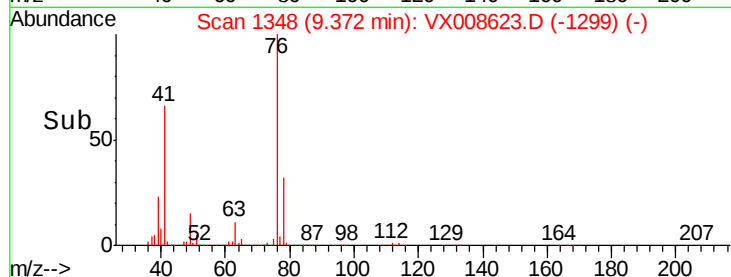
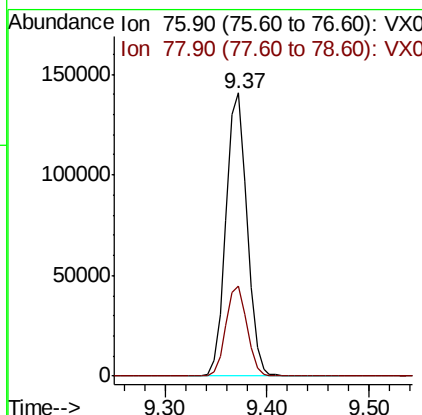
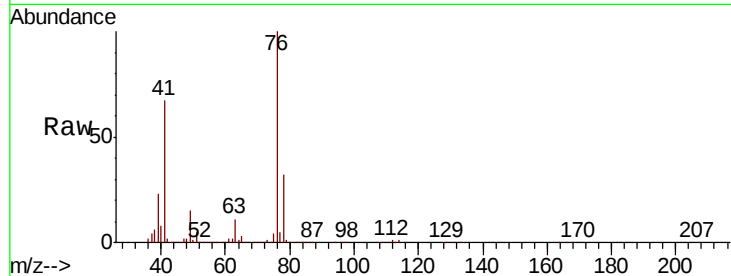




#57
 1,3-Dichloropropane
 Concen: 45.103 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

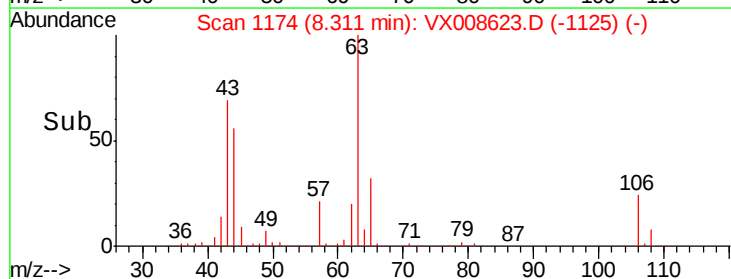
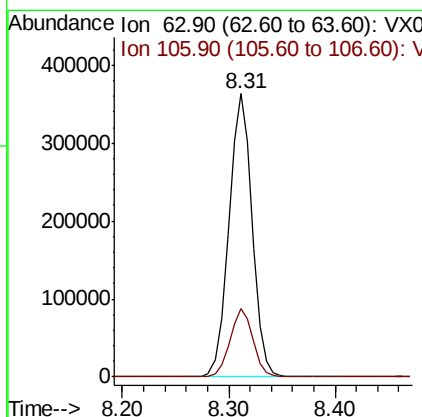
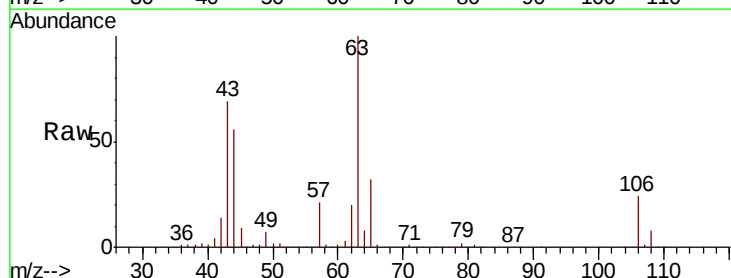
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

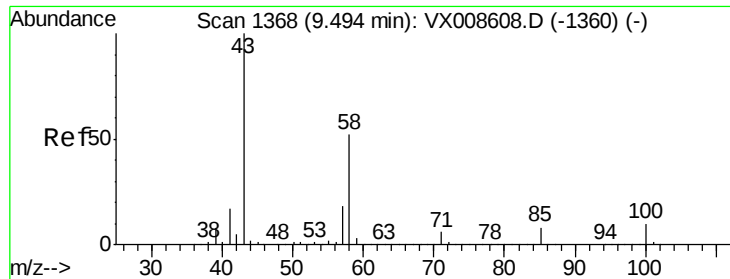
Tot Ion: 76 Resp: 201065
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.533 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion: 63 Resp: 553988
 Ion Ratio Lower Upper
 63 100
 106 23.8 19.0 28.6

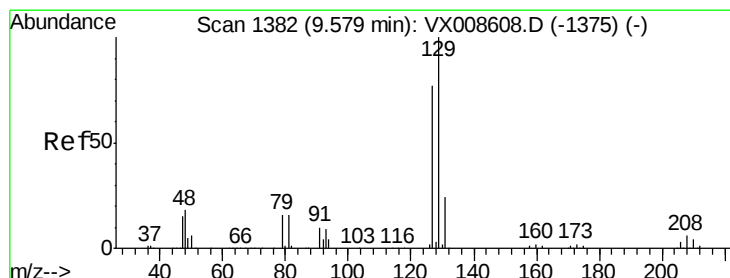
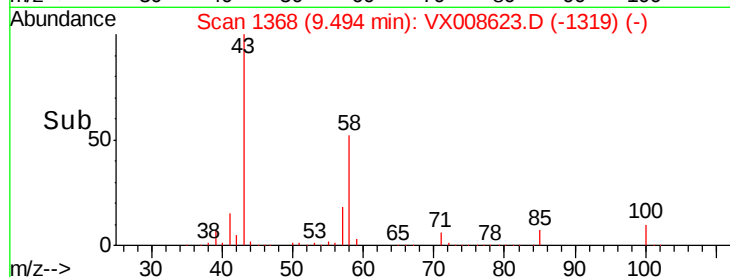
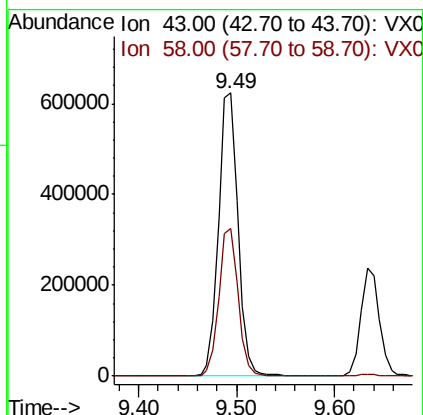
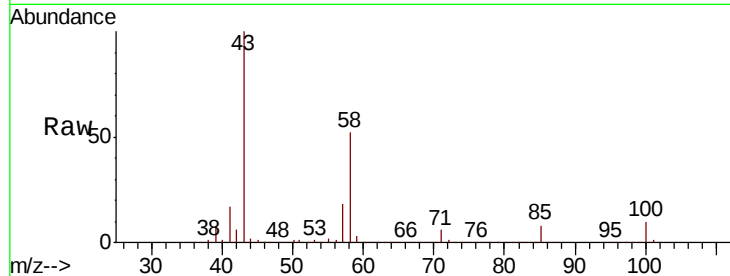




#59
2-Hexanone
Concen: 234.682 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

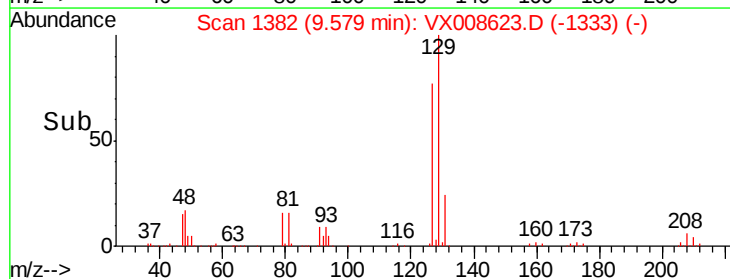
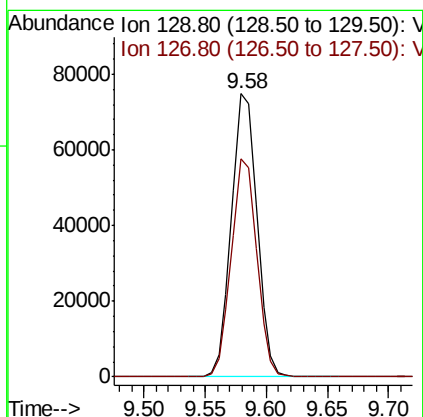
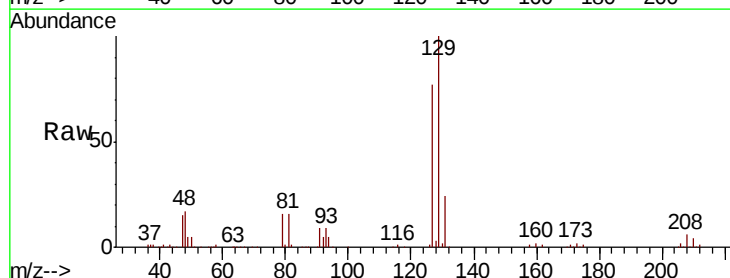
Instrument :
MSVOA_X
ClientSampleId :
BFB

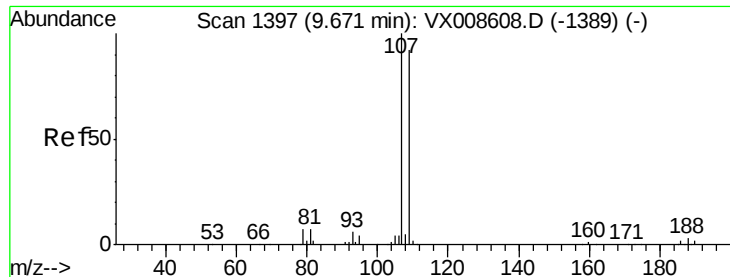
Tot Ion: 43 Resp: 864472
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 46.342 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 129 Resp: 108413
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 44.837 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

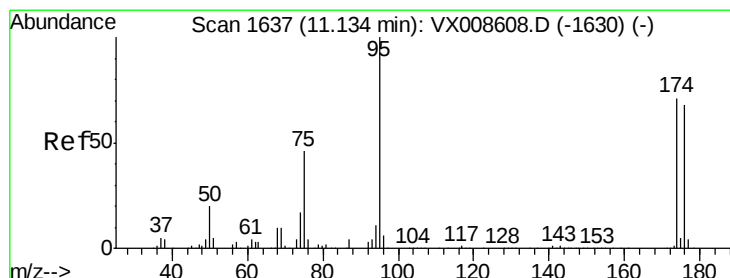
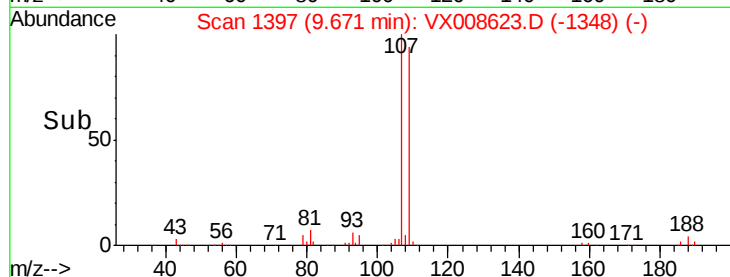
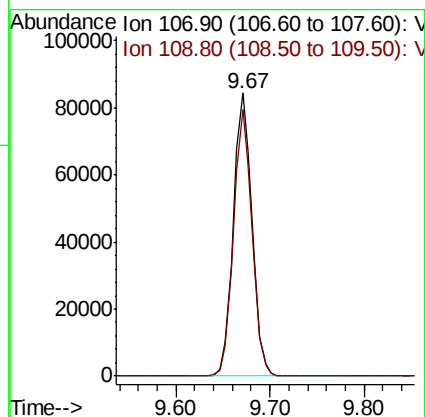
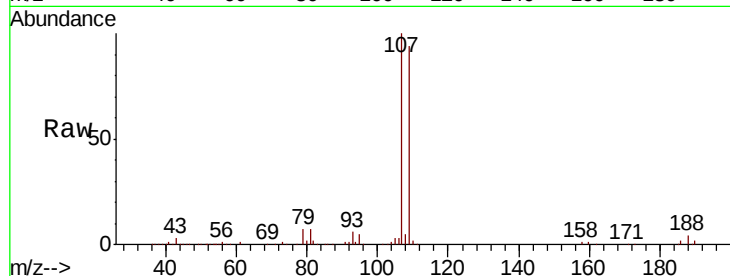
BFB

Tot Ion: 107 Resp: 115882

Ion Ratio Lower Upper

107 100

109 93.4 74.1 111.1



#62

4-Bromofluorobenzene

Concen: 48.328 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

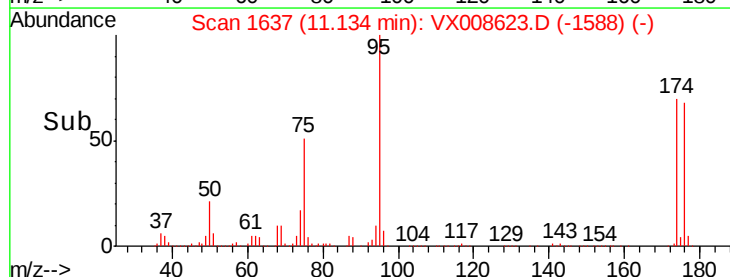
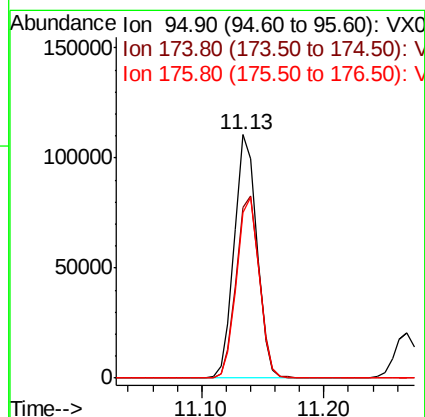
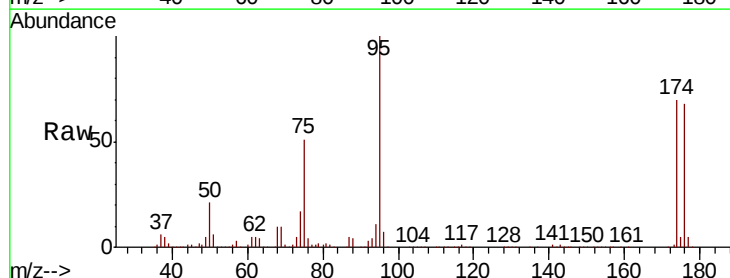
Tgt Ion: 95 Resp: 140551

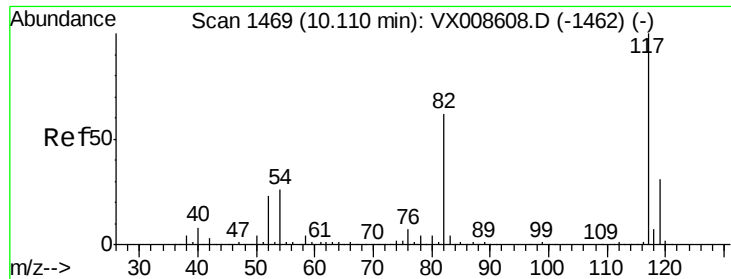
Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.8

176 74.5 0.0 145.8

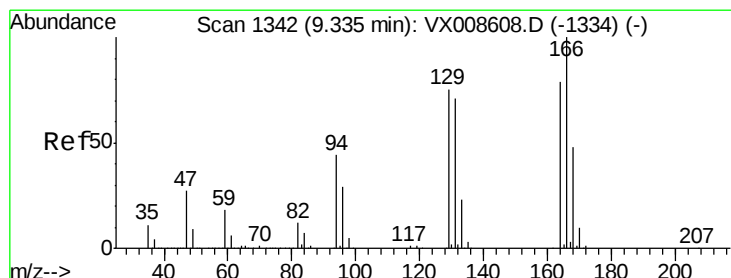
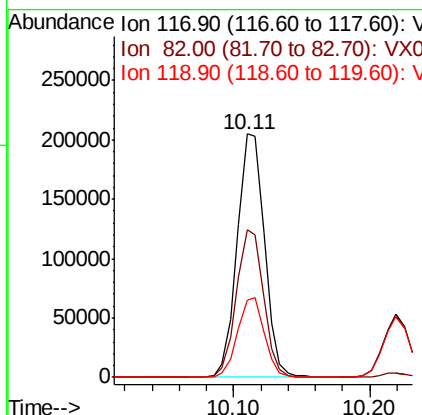
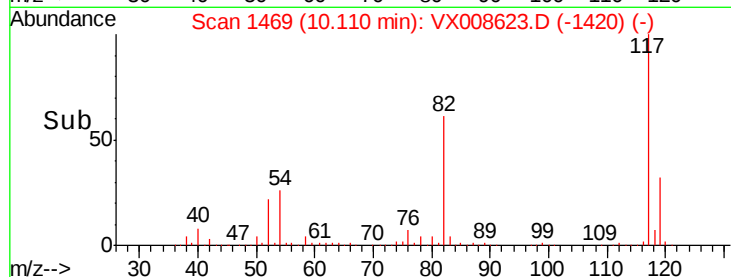
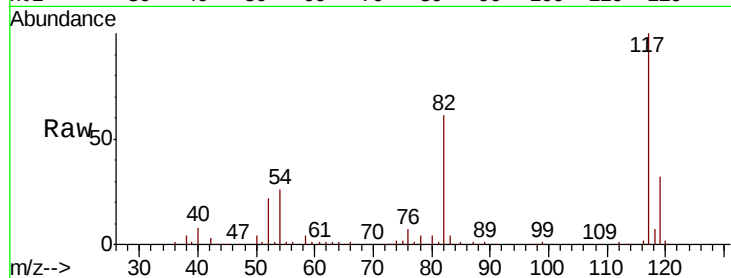




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

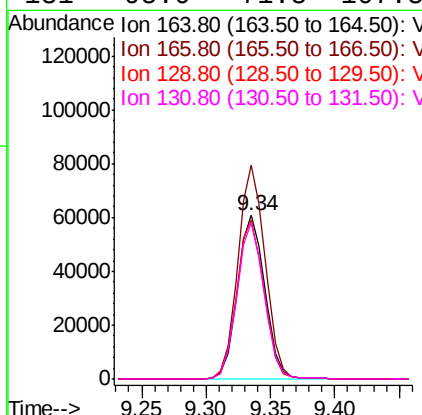
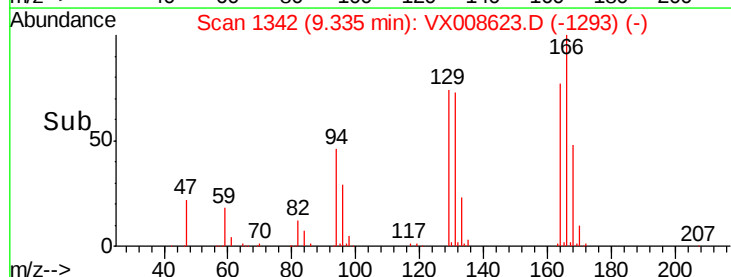
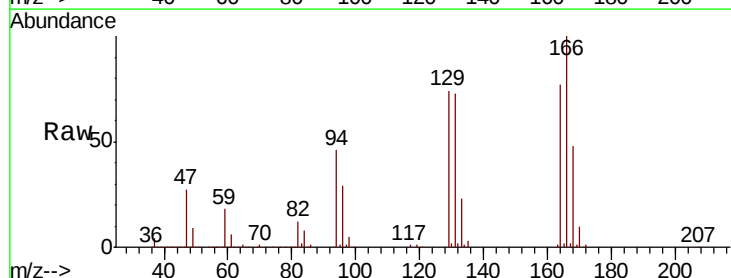
Instrument :
MSVOA_X
ClientSampled :
BFB

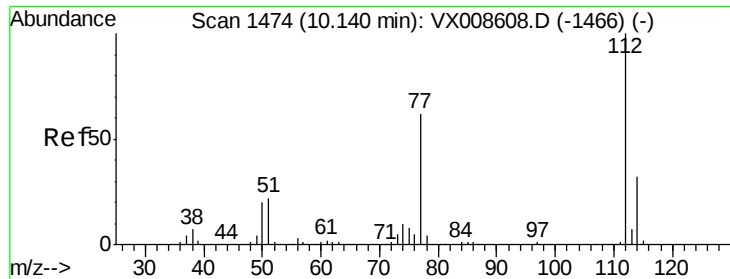
Tot Ion:117 Resp: 288120
Ion Ratio Lower Upper
117 100
82 60.7 49.6 74.4
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 41.991 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion:164 Resp: 89637
Ion Ratio Lower Upper
164 100
166 130.4 101.0 151.6
129 97.1 75.8 113.8
131 95.0 71.8 107.8





#65

Chlorobenzene

Concen: 43.678 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

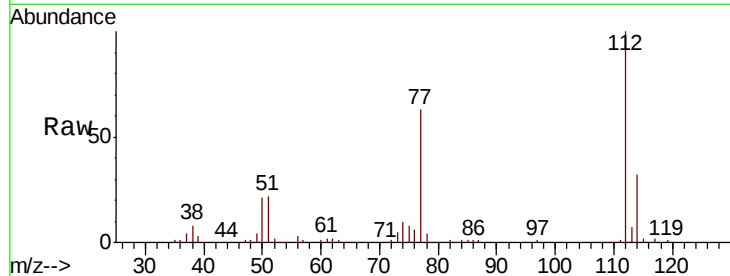
BFB

Tot Ion:112 Resp: 278961

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

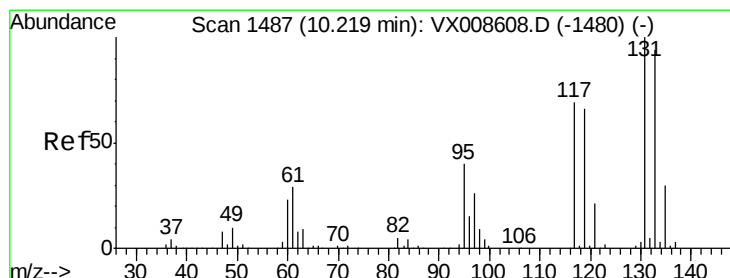
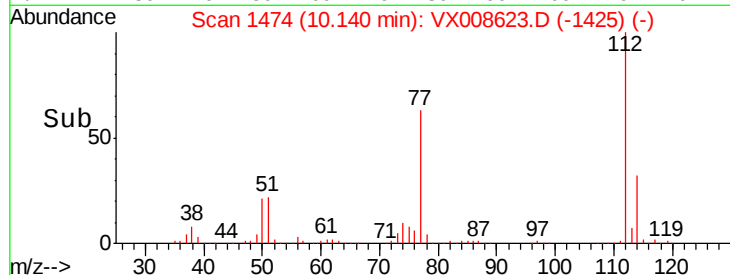
100000

50000

0

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 44.803 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

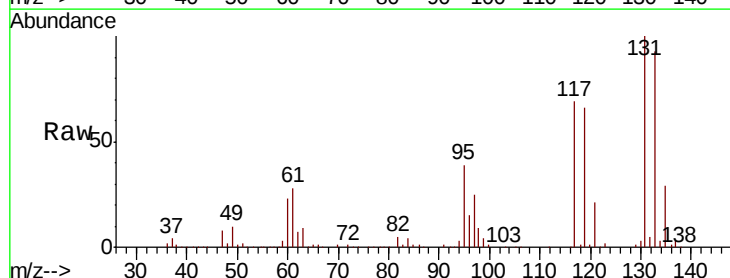
Tgt Ion:131 Resp: 100385

Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.2

119 67.7 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

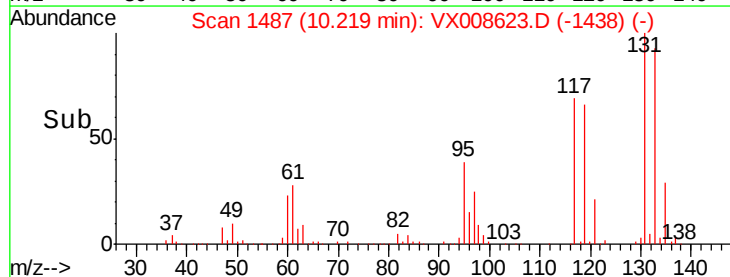
40000

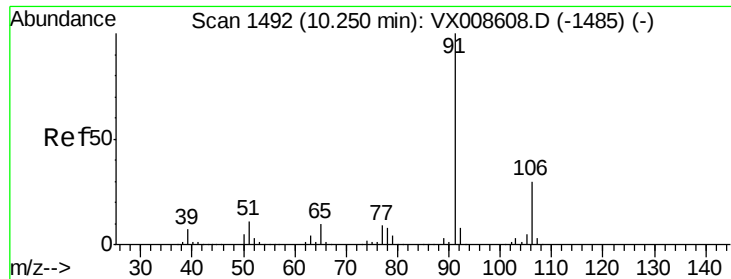
20000

0

10.20 10.30

Time-->

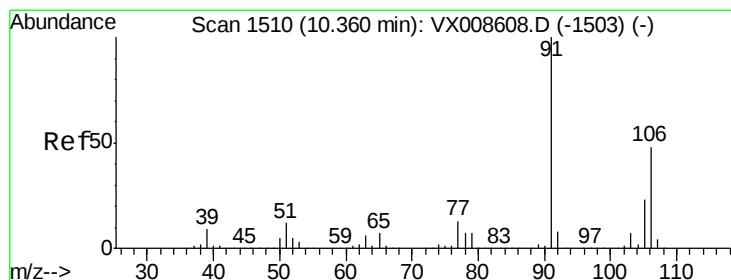
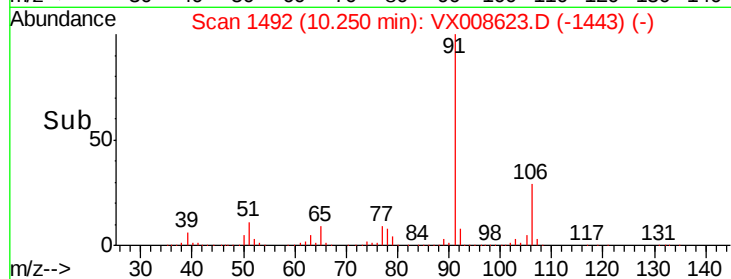
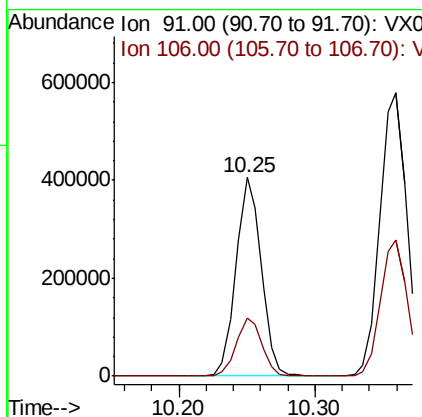
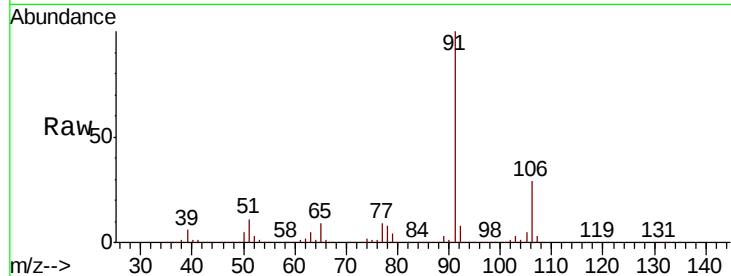




#67
Ethyl Benzene
Concen: 44.203 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

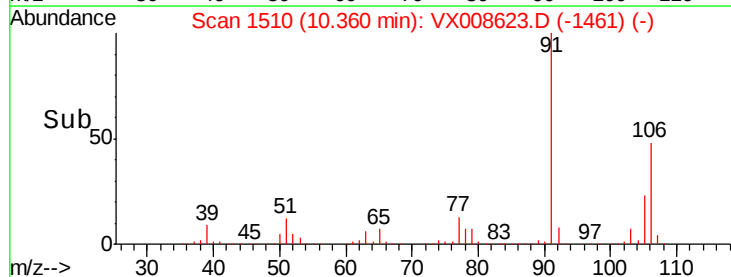
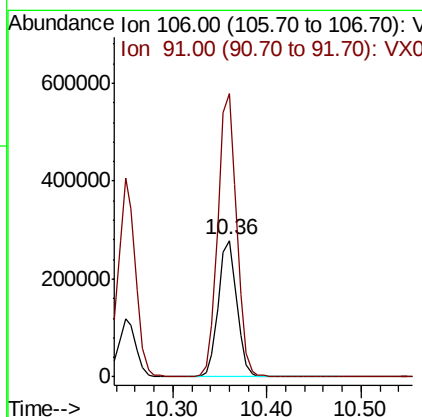
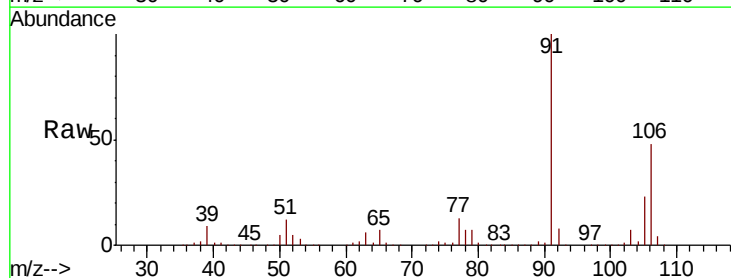
Instrument :
MSVOA_X
ClientSampled :
BFB

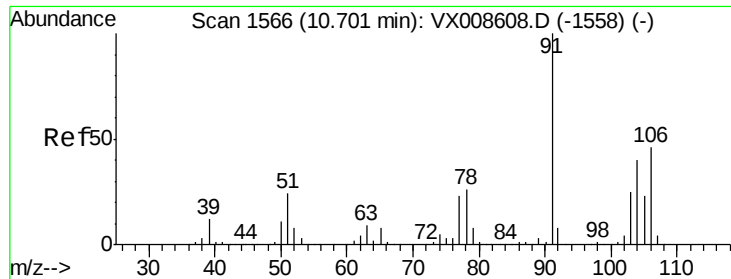
Tot Ion: 91 Resp: 526421
Ion Ratio Lower Upper
91 100
106 29.3 23.7 35.5



#68
m/p-Xylenes
Concen: 89.244 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion: 106 Resp: 382139
Ion Ratio Lower Upper
106 100
91 209.4 168.5 252.7

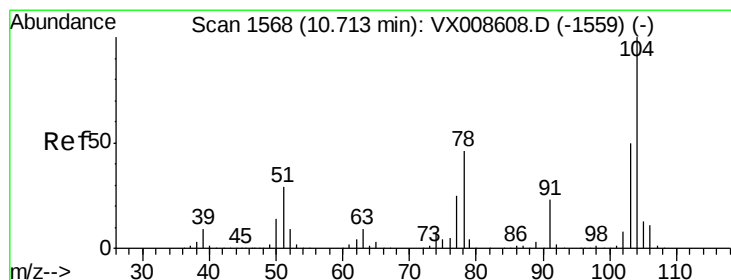
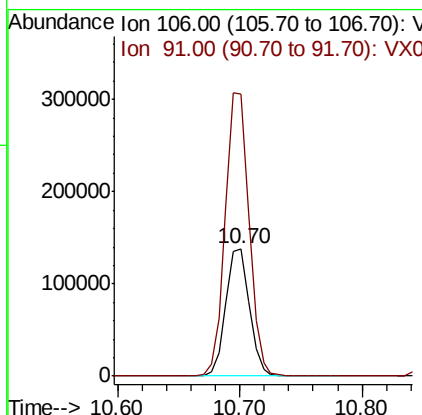
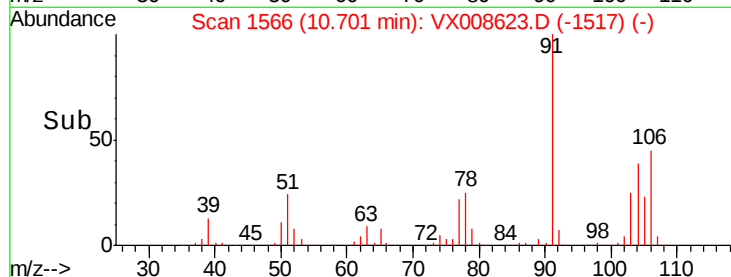
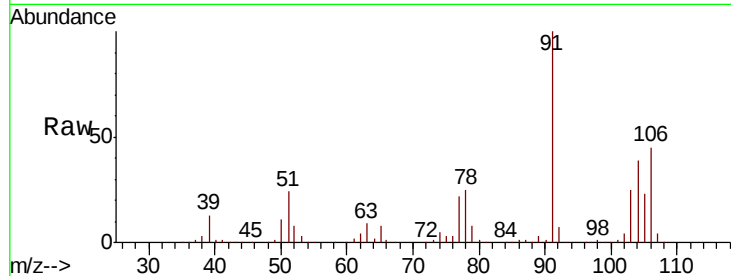




#69
o-Xylene
Concen: 44.623 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

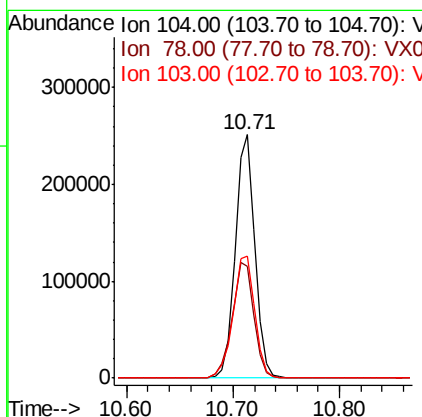
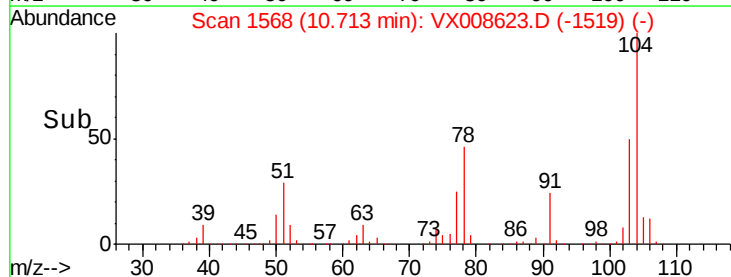
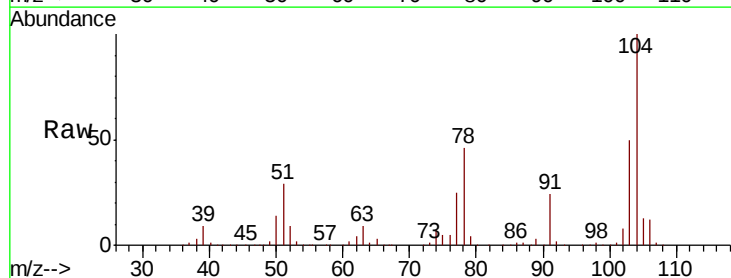
Instrument :
MSVOA_X
ClientSampleId :
BFB

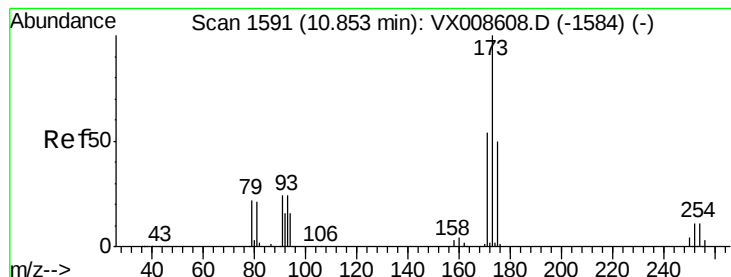
Tot Ion:106 Resp: 185175
Ion Ratio Lower Upper
106 100
91 223.5 111.5 334.4



#70
Styrene
Concen: 45.299 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion:104 Resp: 324026
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 55.8 44.4 66.6





#71

Bromoform

Concen: 47.038 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

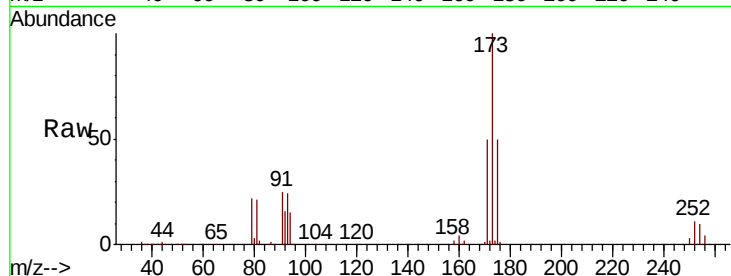
Tot Ion:173 Resp: 80494

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

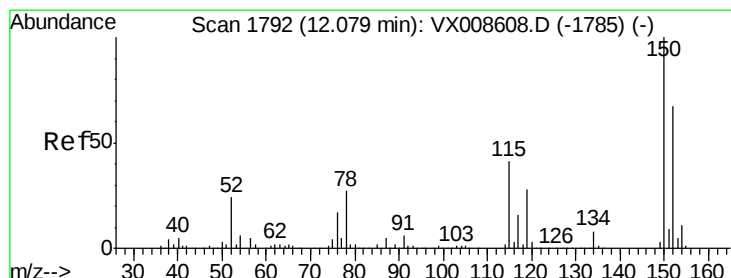
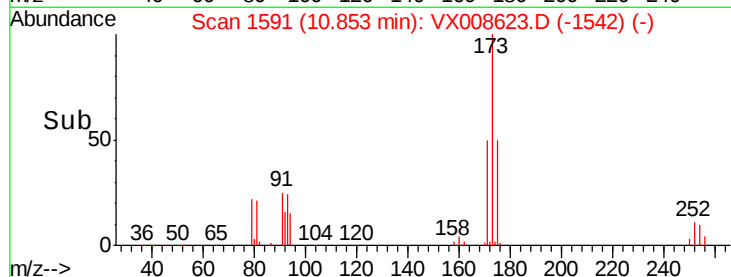
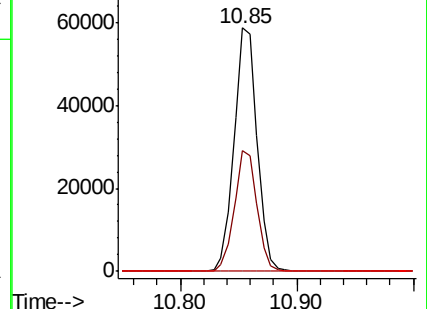
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

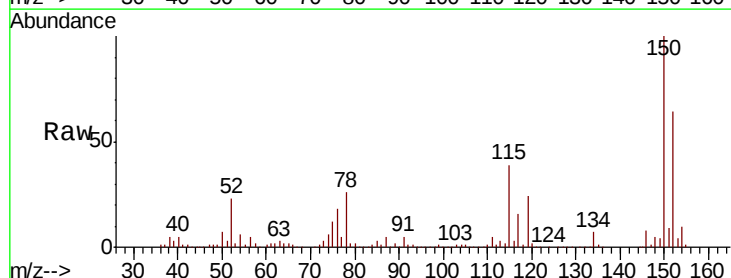
Tgt Ion:152 Resp: 134457

Ion Ratio Lower Upper

152 100

115 83.1 43.5 130.5

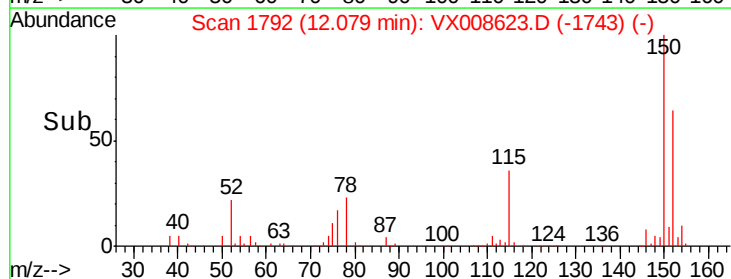
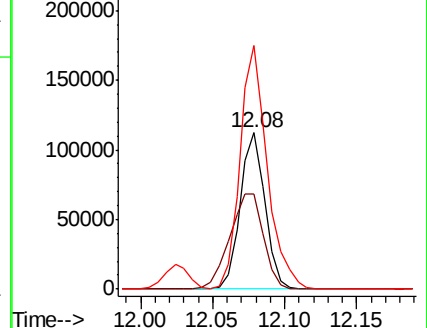
150 170.8 0.0 348.8

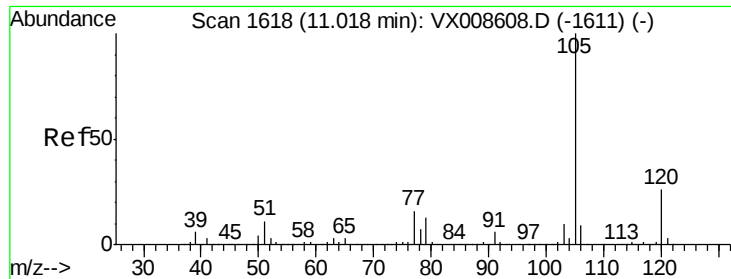


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.933 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

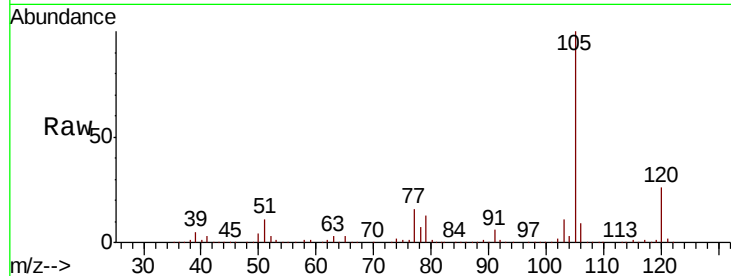
BFB

Tot Ion:105 Resp: 489536

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

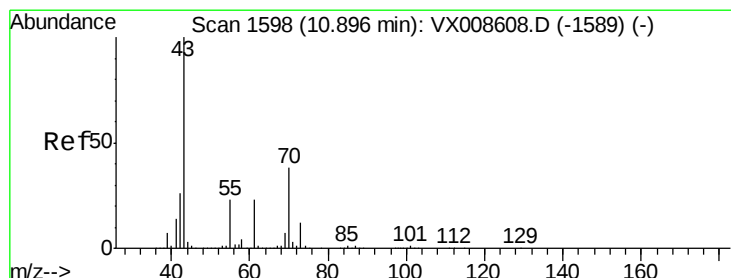
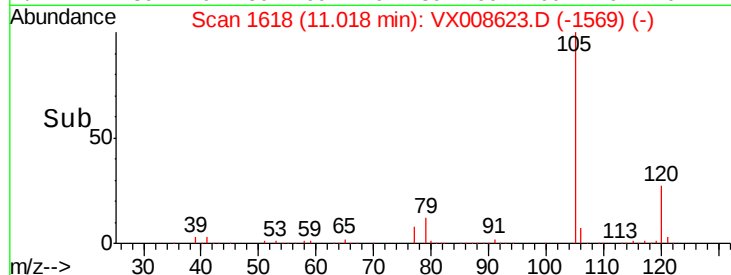
100000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 45.562 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Tgt Ion: 43 Resp: 298694

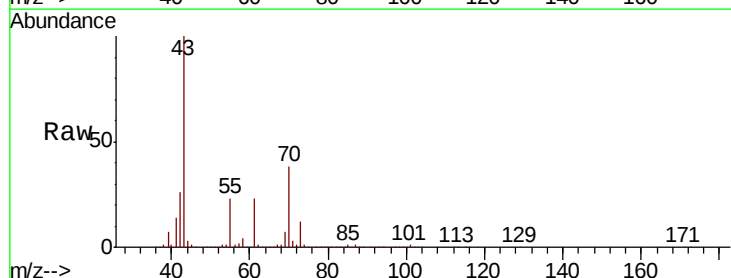
Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 22.7 18.2 27.4

61 22.6 18.6 28.0



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

400000

300000

200000

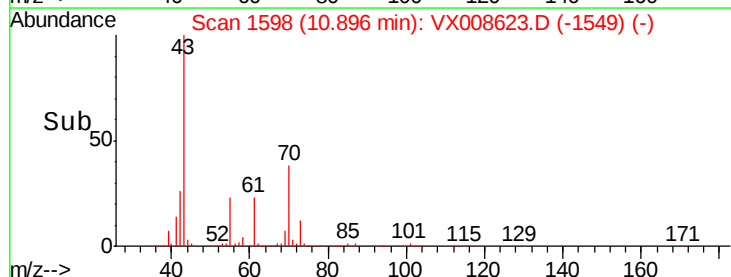
100000

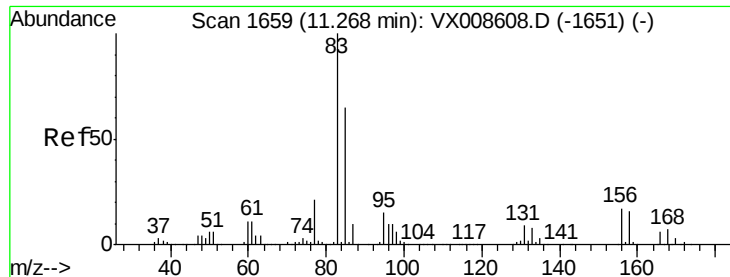
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.188 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

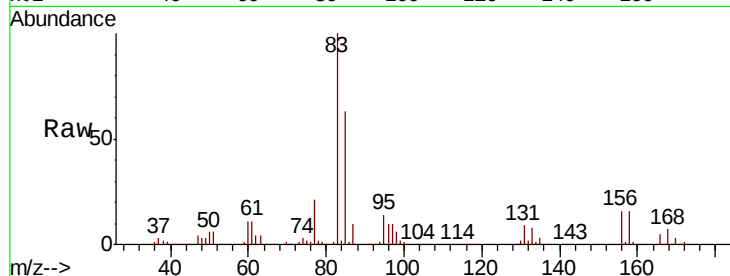
Tot Ion: 83 Resp: 187260

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

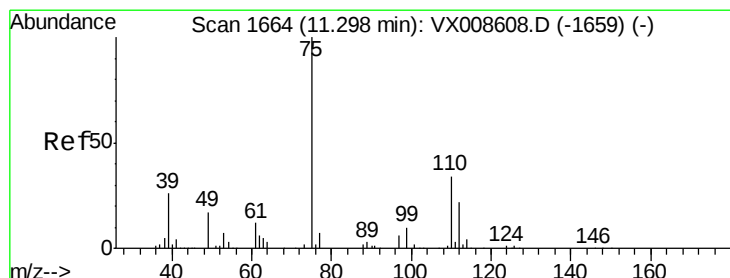
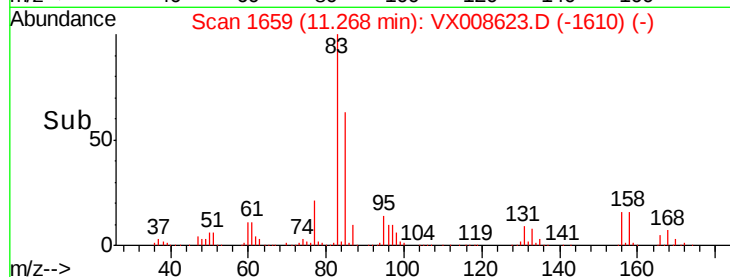
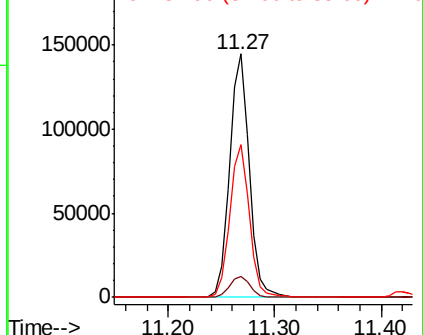
85 62.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.586 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008623.D

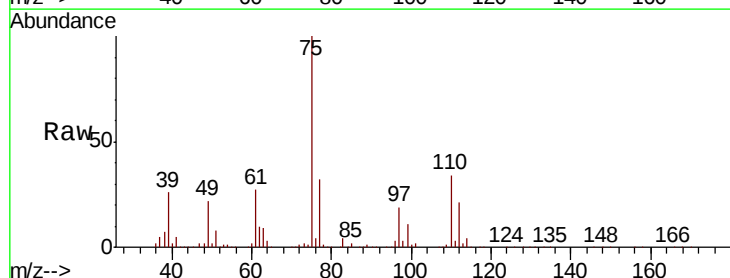
Acq: 03 Apr 2019 19:17

Tgt Ion: 75 Resp: 220092

Ion Ratio Lower Upper

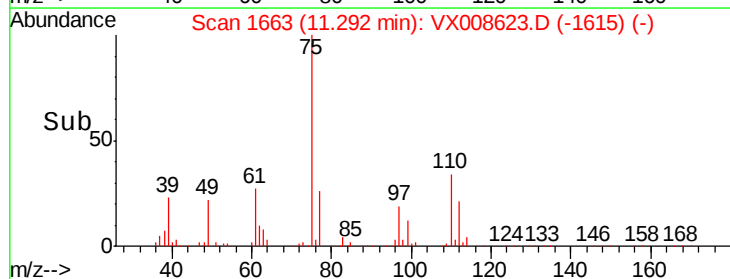
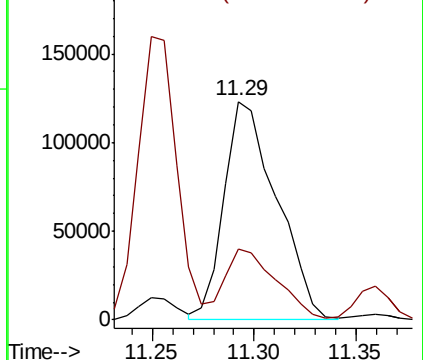
75 100

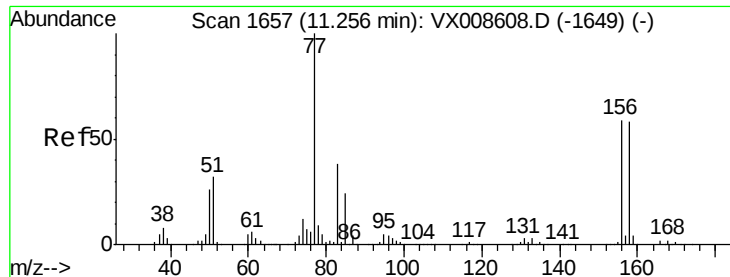
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

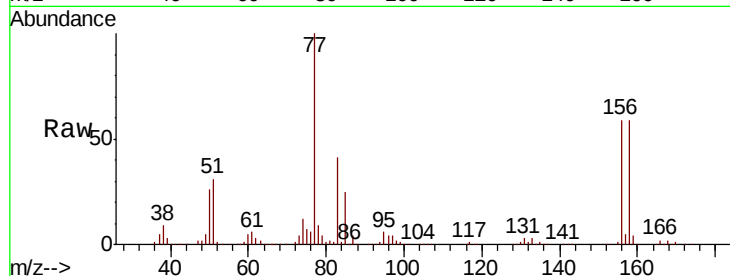
Tot Ion:156 Resp: 118322

Ion Ratio Lower Upper

156 100

77 177.8 89.8 269.6

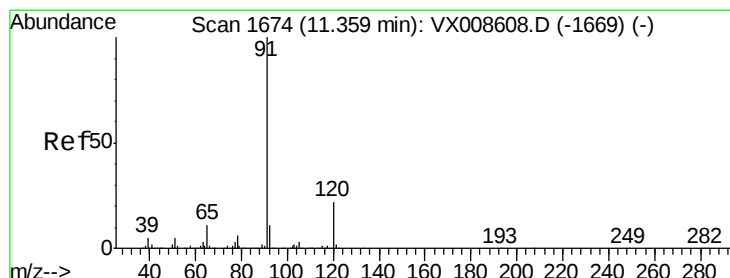
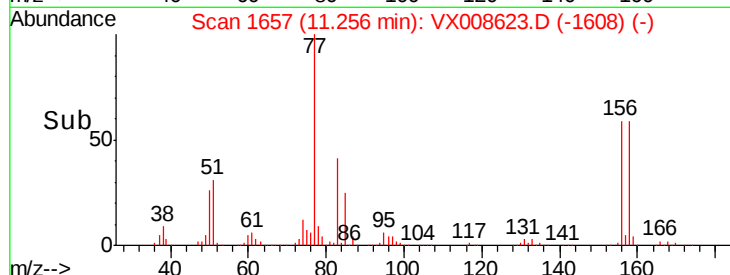
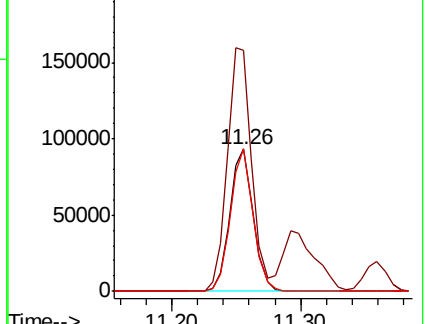
158 97.4 48.6 145.9



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: 44.447 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008623.D

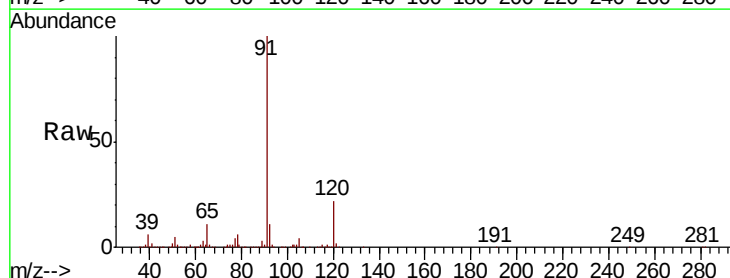
Acq: 03 Apr 2019 19:17

Tgt Ion: 91 Resp: 576676

Ion Ratio Lower Upper

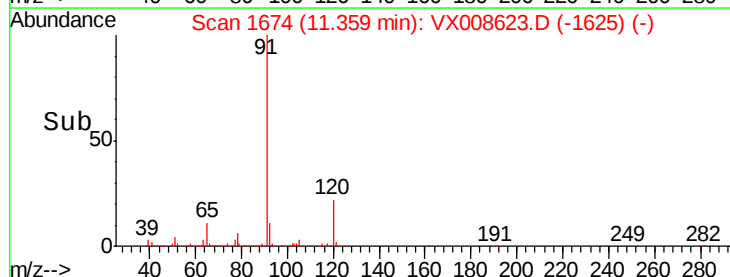
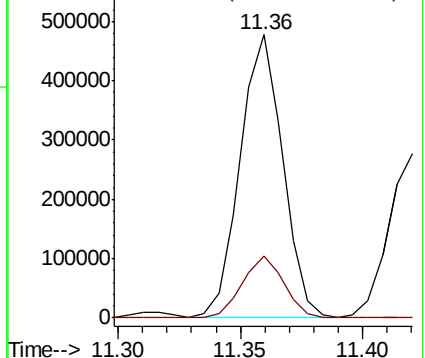
91 100

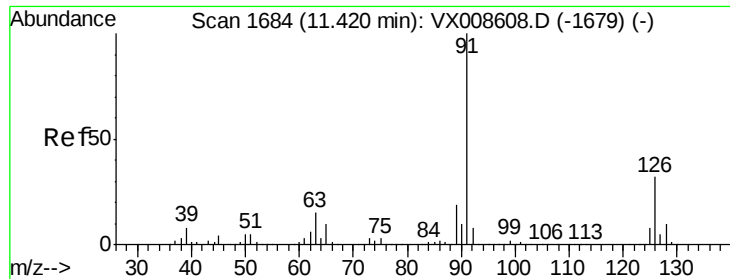
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.599 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

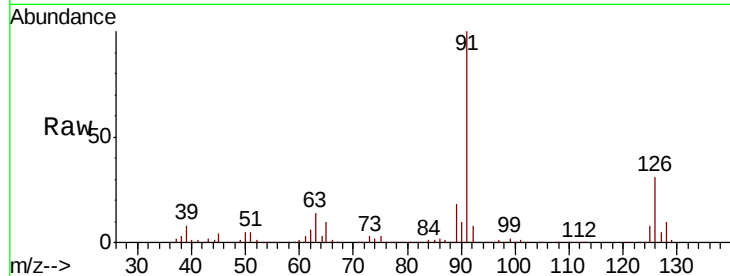
BFB

Tot Ion: 91 Resp: 342322

Ion Ratio Lower Upper

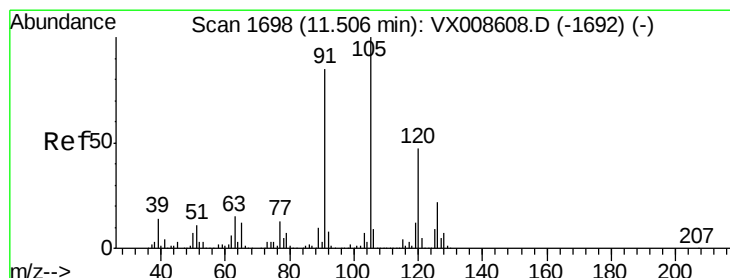
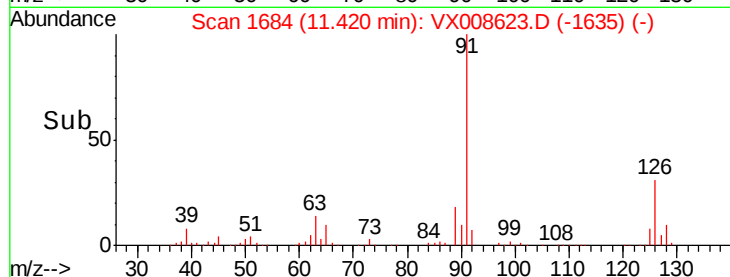
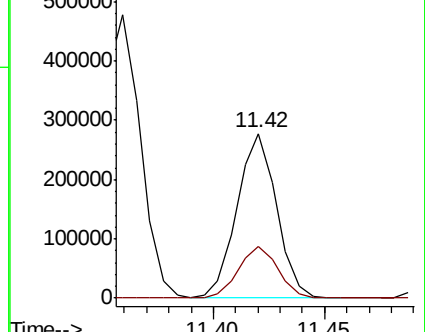
91 100

126 31.6 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 44.502 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008623.D

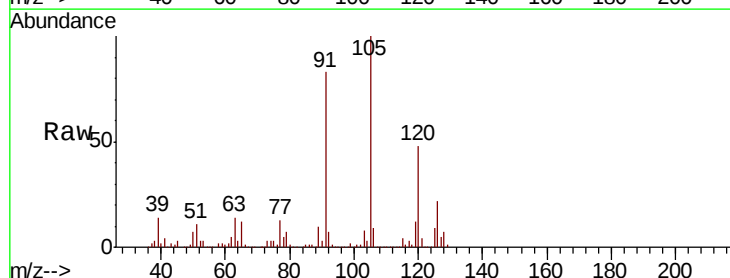
Acq: 03 Apr 2019 19:17

Tgt Ion:105 Resp: 416247

Ion Ratio Lower Upper

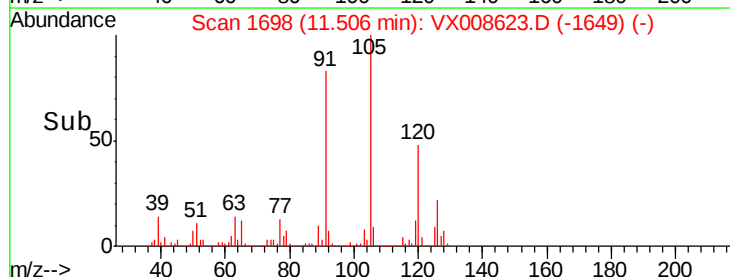
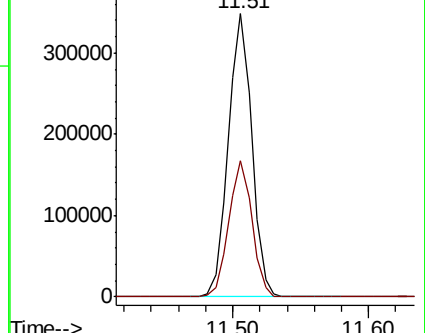
105 100

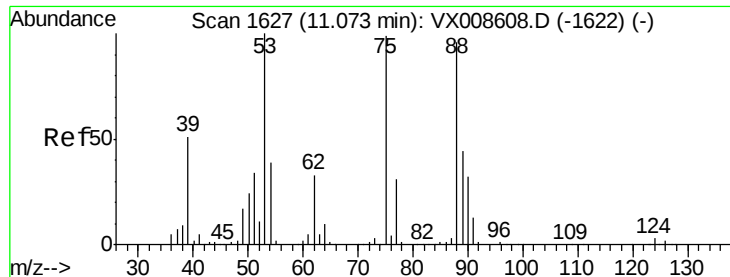
120 47.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.589 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

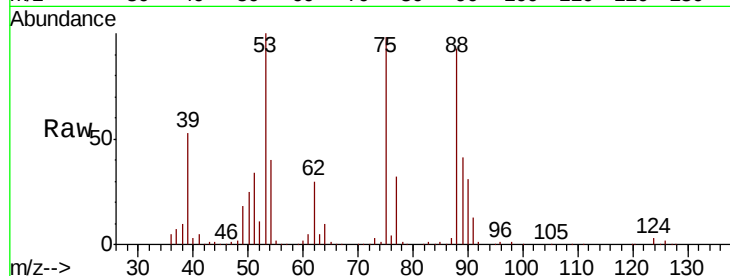
Tot Ion: 75 Resp: 62428

Ion Ratio Lower Upper

75 100

53 103.6 81.3 121.9

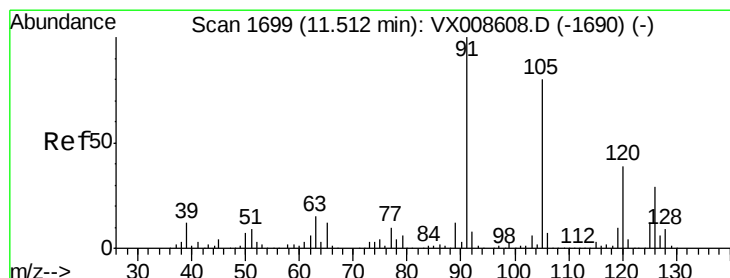
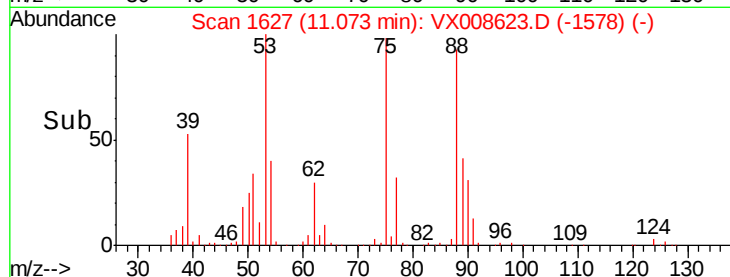
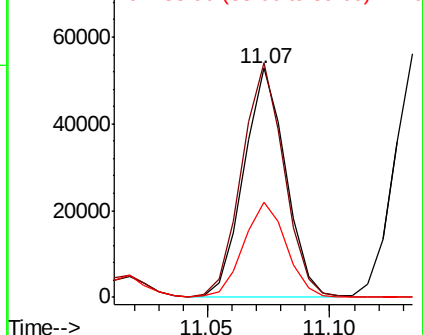
89 42.9 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 43.303 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008623.D

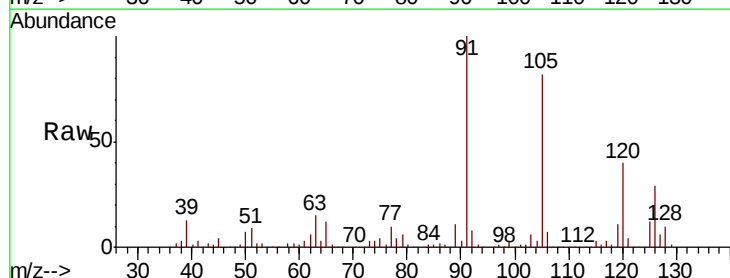
Acq: 03 Apr 2019 19:17

Tgt Ion: 91 Resp: 393557

Ion Ratio Lower Upper

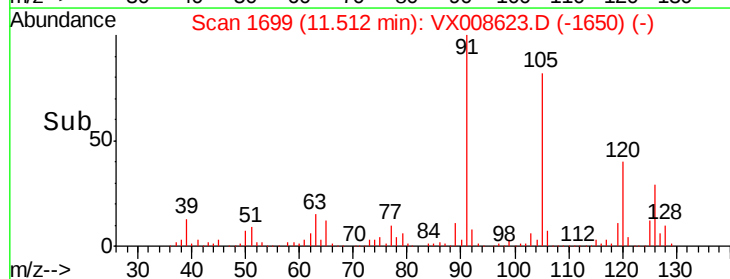
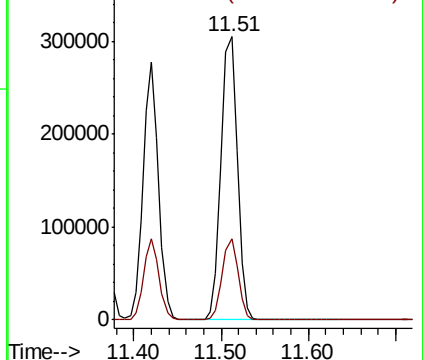
91 100

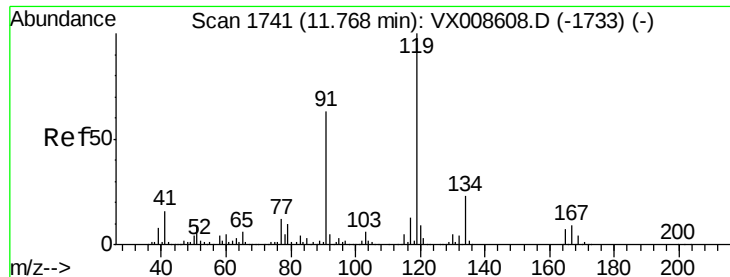
126 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

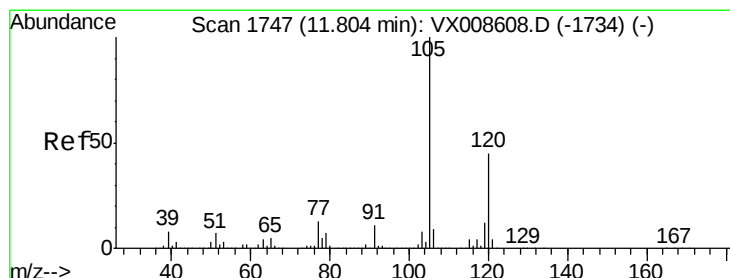
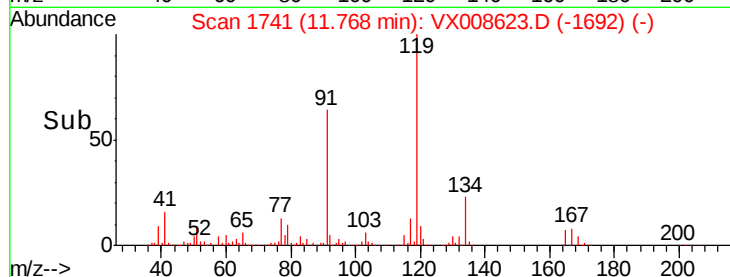
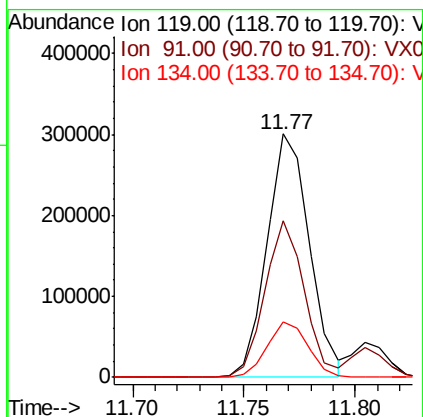
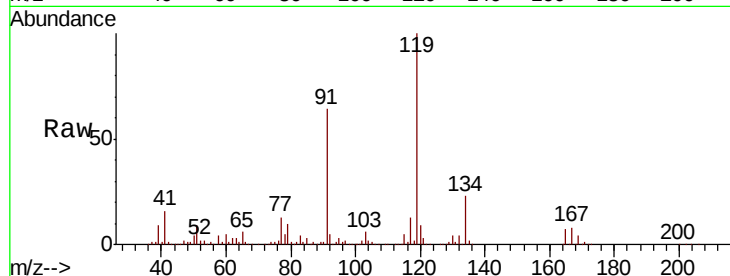




#83
tert-Butylbenzene
Concen: 44.026 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

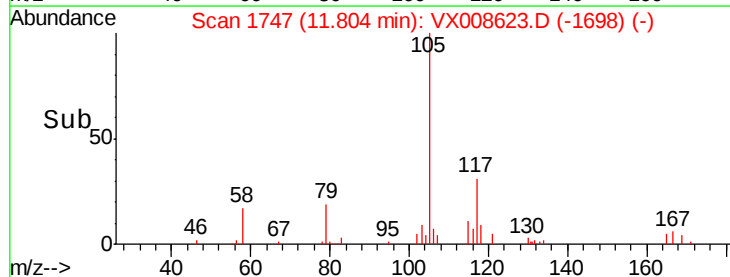
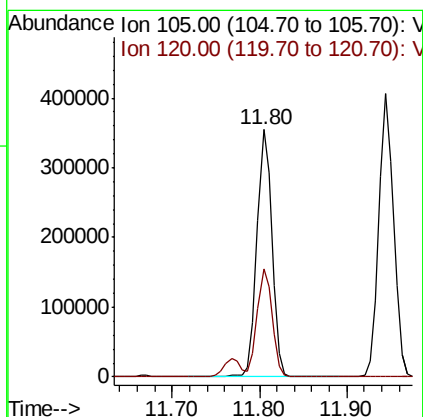
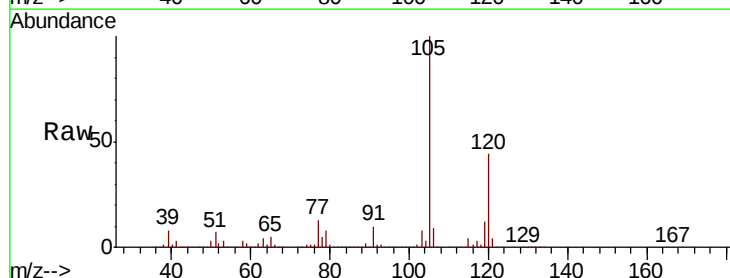
Instrument :
MSVOA_X
ClientSampleId :
BFB

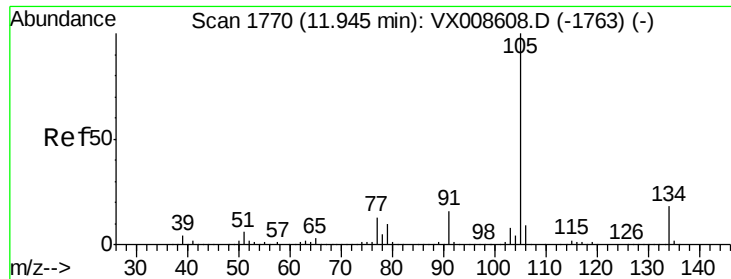
Tot Ion:119 Resp: 396178
Ion Ratio Lower Upper
119 100
91 60.1 30.0 90.1
134 22.0 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 44.238 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion:105 Resp: 418978
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 44.750 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

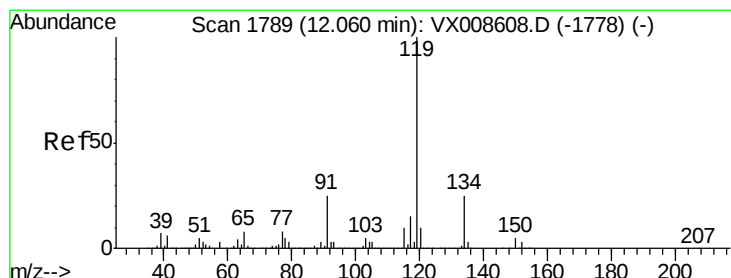
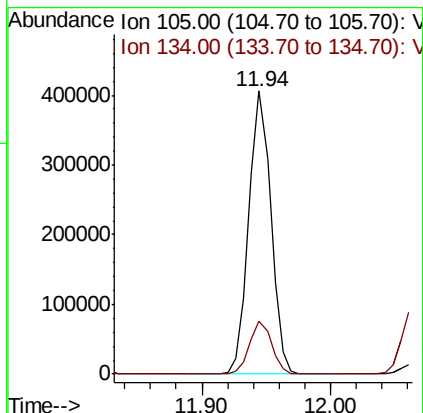
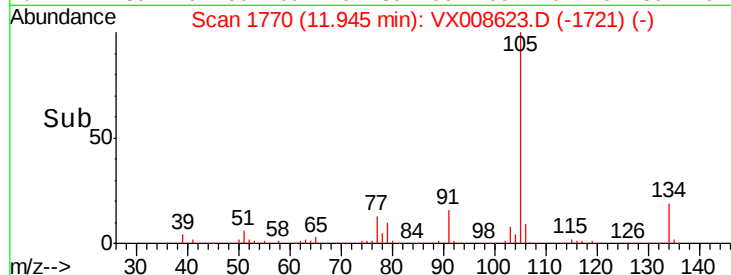
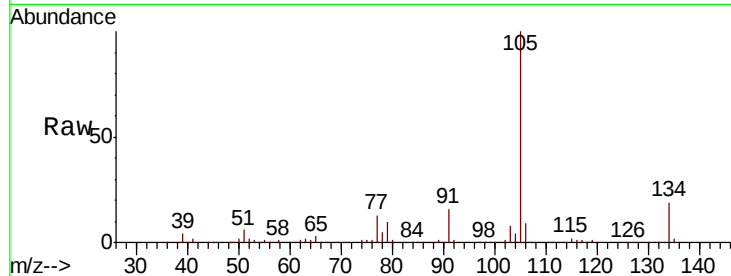
BFB

Tot Ion:105 Resp: 478326

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2



#86

p-Isopropyltoluene

Concen: 44.757 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

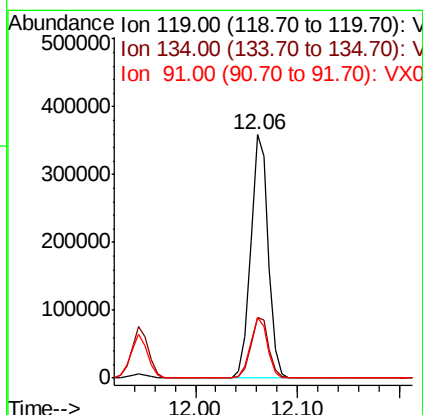
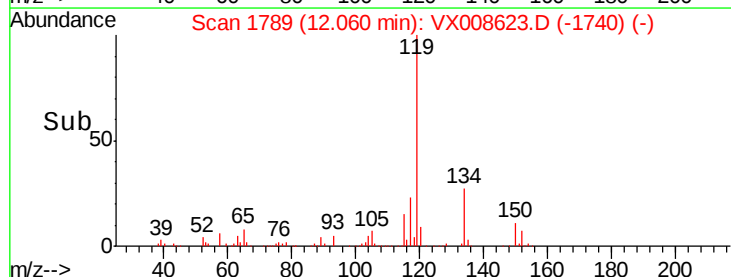
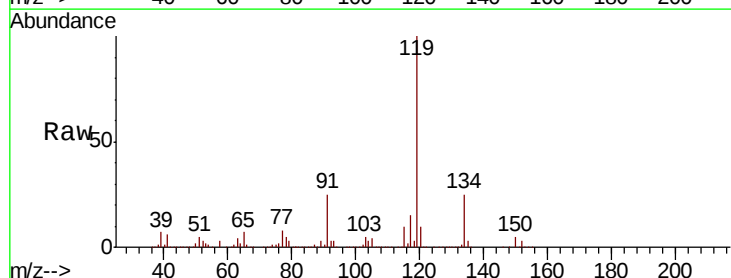
Tgt Ion:119 Resp: 429390

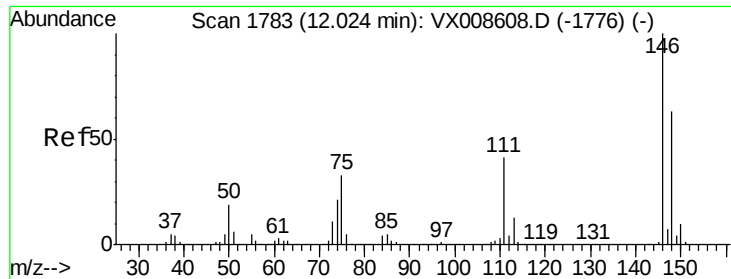
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 24.4 12.2 36.6

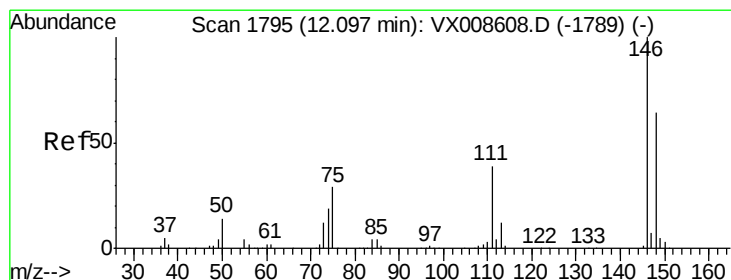
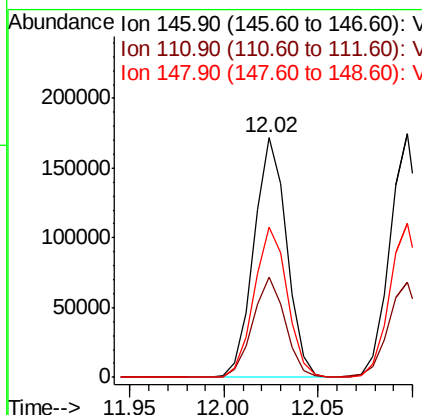
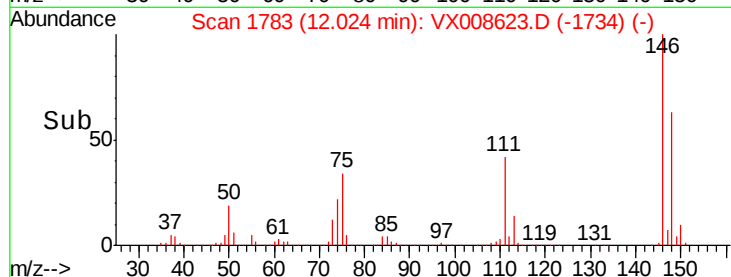
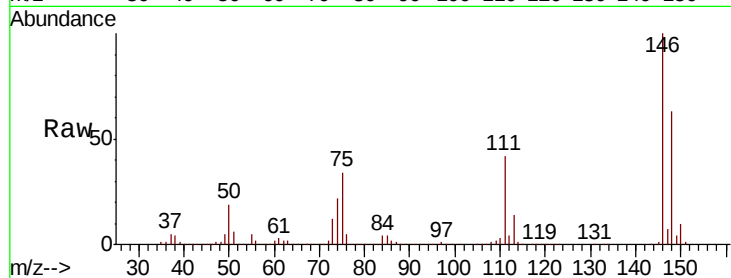




#87
 1,3-Dichlorobenzene
 Concen: 43.226 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

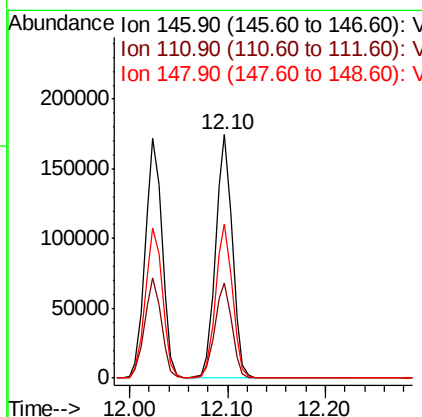
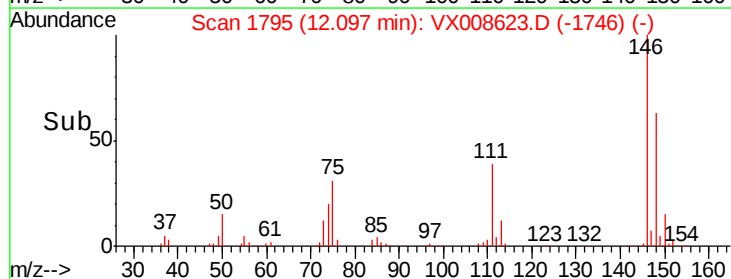
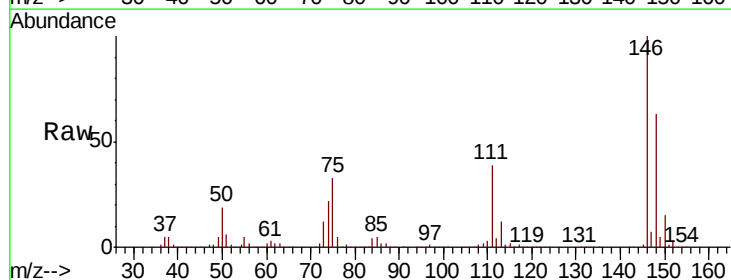
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

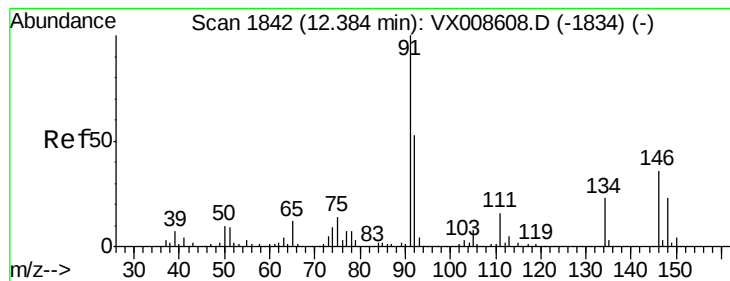
Tot Ion:146 Resp: 207291
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 63.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 42.544 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion:146 Resp: 206594
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 44.443 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

BFB

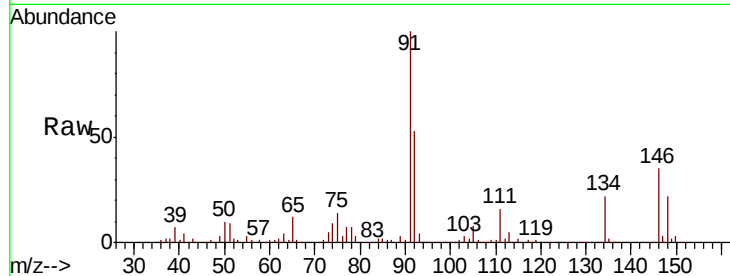
Tot Ion: 91 Resp: 399862

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

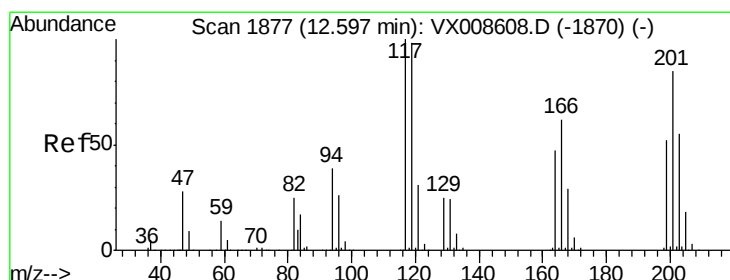
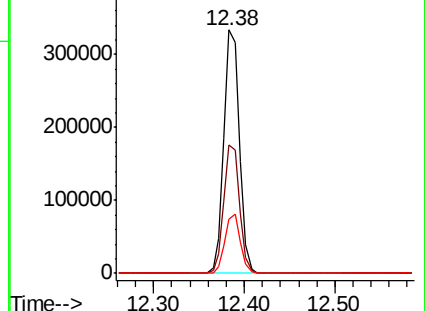
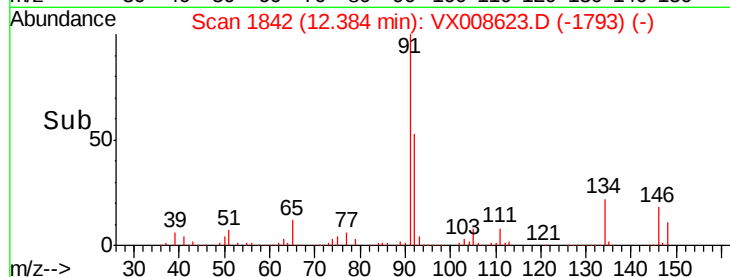
134 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008623.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008623.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008623.D (-1793) (-)



#90

Hexachloroethane

Concen: 45.344 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008623.D

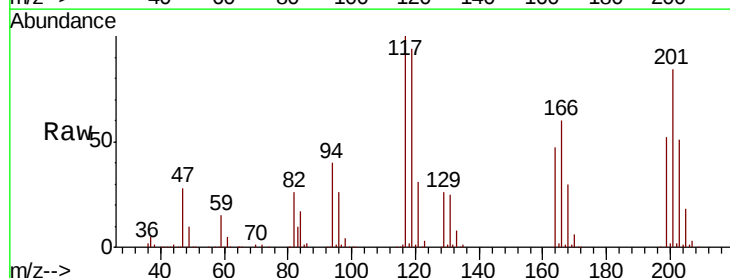
Acq: 03 Apr 2019 19:17

Tgt Ion: 117 Resp: 72153

Ion Ratio Lower Upper

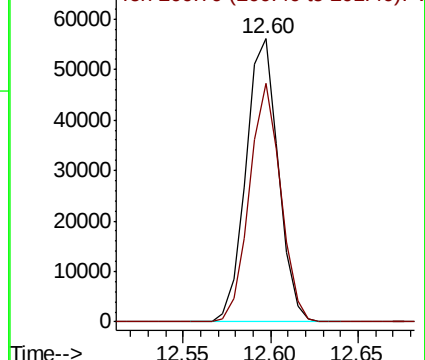
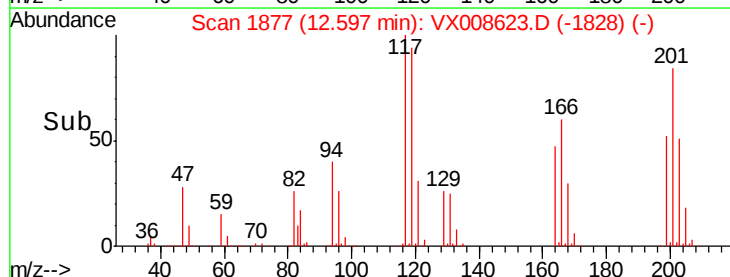
117 100

201 81.3 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008623.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008623.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 43.589 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

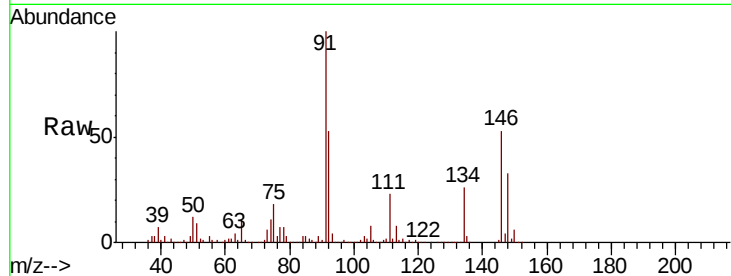
Tot Ion:146 Resp: 207547

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

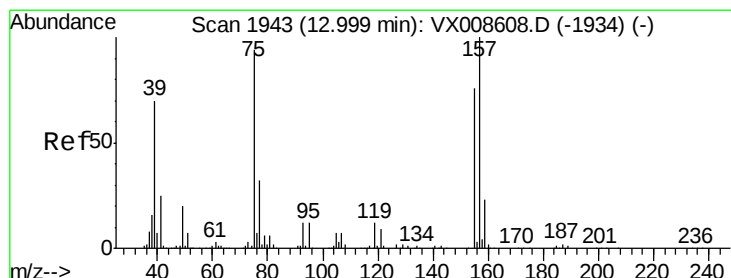
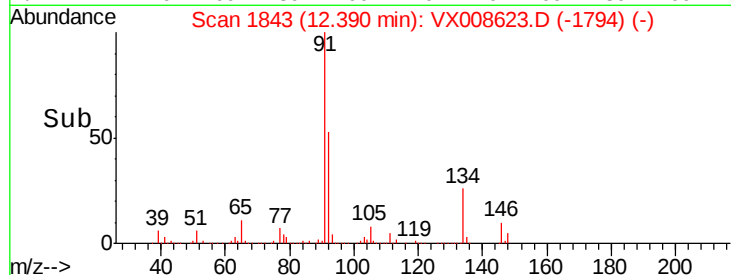
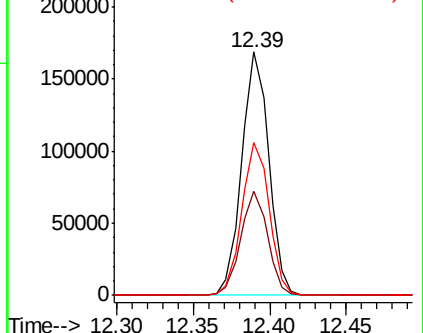
148 63.4 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.978 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008623.D

Acq: 03 Apr 2019 19:17

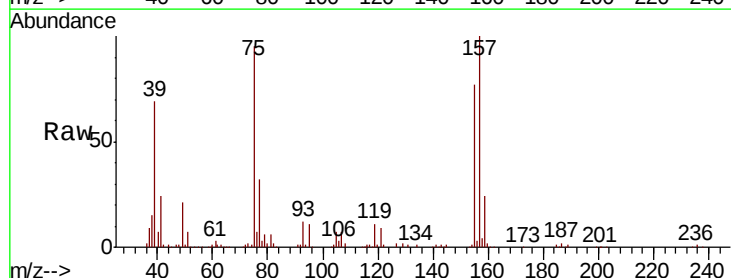
Tgt Ion: 75 Resp: 40998

Ion Ratio Lower Upper

75 100

155 79.4 39.9 119.6

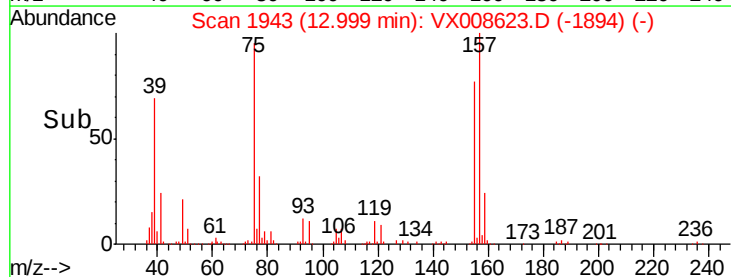
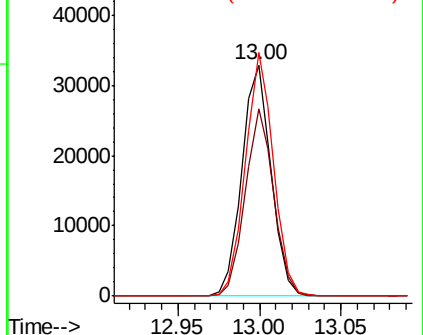
157 101.5 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

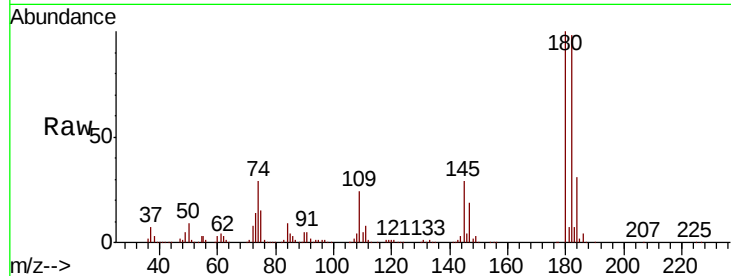




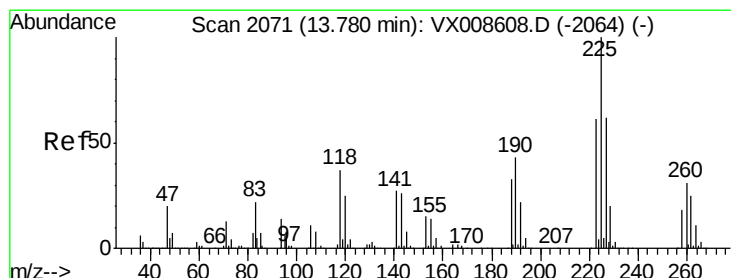
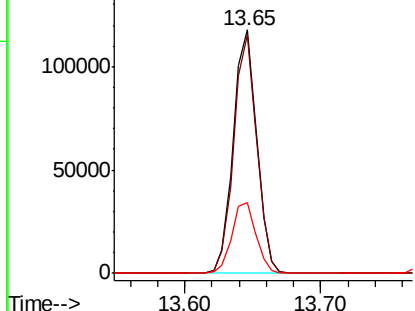
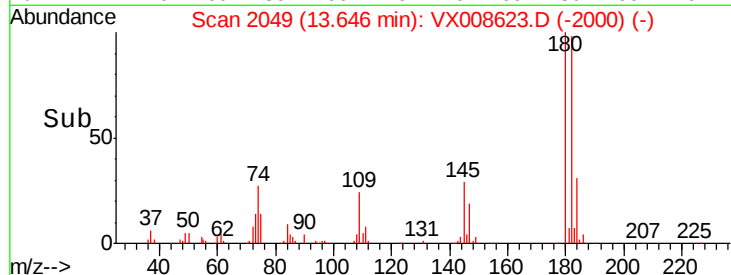
#93
 1,2,4-Trichlorobenzene
 Concen: 42.885 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 141972
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.2 141.6
 145 29.9 15.3 45.9

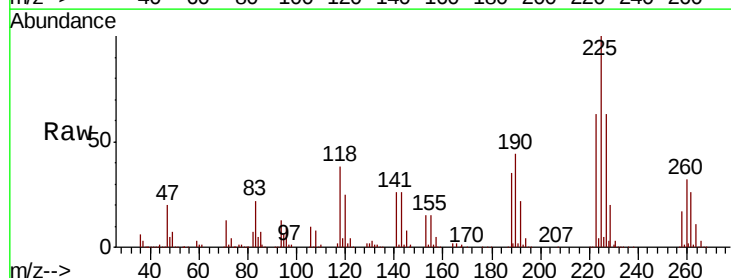


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

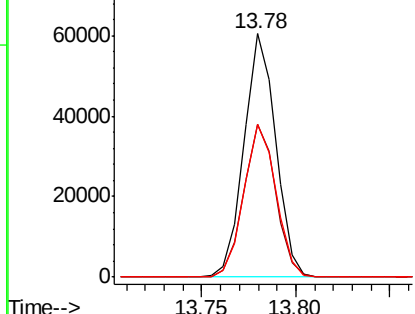
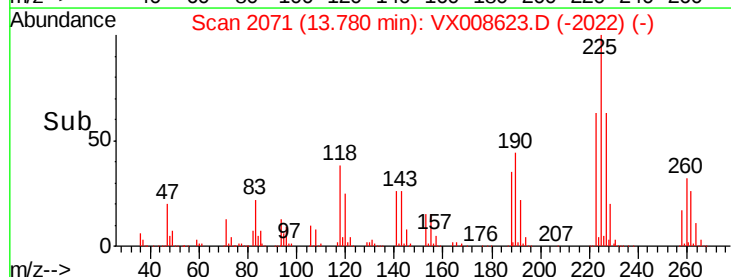


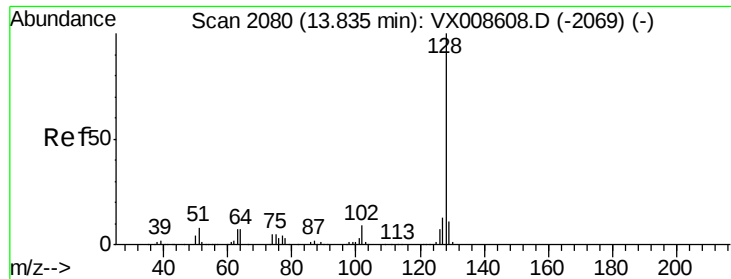
#94
 Hexachlorobutadiene
 Concen: 44.570 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008623.D
 Acq: 03 Apr 2019 19:17

Tgt Ion:225 Resp: 70764
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.2 93.6
 227 63.5 31.9 95.5



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

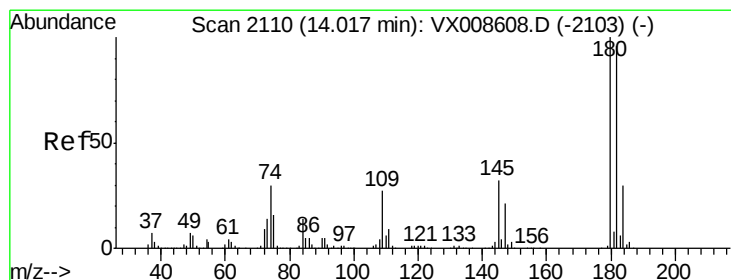
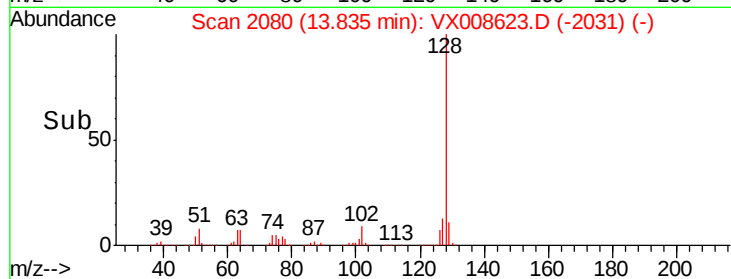
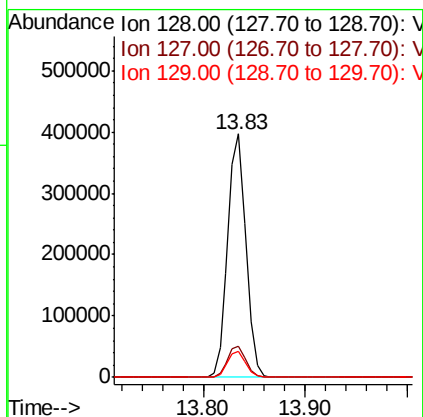
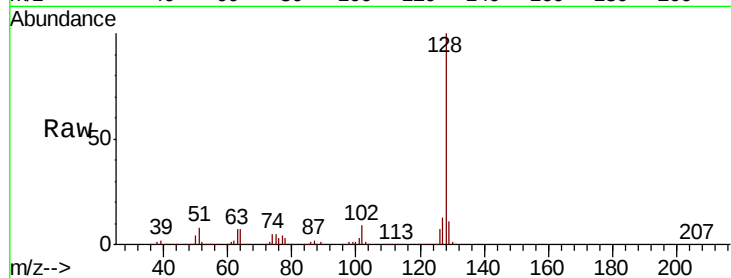




#95
Naphthalene
Concen: 44.212 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:128 Resp: 489186
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.039 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008623.D
Acq: 03 Apr 2019 19:17

Tgt Ion:180 Resp: 142359
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 31.9 16.3 48.8

