

Data File : VX004196.D
Acq On : 22 Aug 2018 13:02
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Aug 23 05:47:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	363457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	533066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270943	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234973	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	5.50	113	192353	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.71	98	699846	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.14	95	244778	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	970	0.230	ug/l	90
3) Chloromethane	1.32	50	2780	0.884	ug/l	100
4) Vinyl Chloride	1.40	62	1164	0.244	ug/l	99
5) Bromomethane	1.64	94	3006	Below Cal		93
6) Chloroethane	1.72	64	1119	1.260	ug/l #	73
9) 1,1,2-Trichlorotrifluoroet	2.38	101	827	0.202	ug/l	98
10) Methyl Iodide	2.51	142	4209	5.099	ug/l	98
11) Tert butyl alcohol	3.08	59	605	0.599	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	1205	0.313	ug/l	96
13) Acrolein	2.29	56	803	3.298	ug/l #	35
14) Allyl chloride	2.73	41	1546	0.219	ug/l	91
15) Acrylonitrile	3.15	53	3357	1.342	ug/l #	85
16) Acetone	2.45	43	1865	Below Cal		95
17) Carbon Disulfide	2.57	76	13891	2.076	ug/l	99
18) Methyl Acetate	2.78	43	2162	0.308	ug/l	91
20) Methylene Chloride	2.86	84	1549	0.340	ug/l #	82
21) trans-1,2-Dichloroethene	3.16	96	2651	0.622	ug/l	93
23) Vinyl Acetate	3.83	43	4199	0.392	ug/l #	90
25) 2-Butanone	4.70	43	773	Below Cal	#	87
27) cis-1,2-Dichloroethene	4.59	96	1500	0.310	ug/l	81
28) Bromochloromethane	5.02	49	862	0.253	ug/l #	77
29) Tetrahydrofuran	5.17	42	1860	0.914	ug/l	92
36) 1,1-Dichloropropene	5.81	75	2188	0.365	ug/l	96
38) Carbon Tetrachloride	5.66	117	31697	5.622	ug/l #	15
39) Methylcyclohexane	7.46	83	1398	0.204	ug/l	89
44) Trichloroethene	7.21	130	1660	0.335	ug/l	78
46) Dibromomethane	7.66	93	695	0.233	ug/l	89
49) 1,4-Dioxane	7.76	88	224	2.036	ug/l #	79
51) 4-Methyl-2-Pentanone	8.65	43	1458	0.222	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	1470	0.240	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.32	63	1450	0.459	ug/l	94
59) 2-Hexanone	9.51	43	1602	0.319	ug/l	92
64) Tetrachloroethene	9.34	164	1382	0.291	ug/l #	86
65) Chlorobenzene	10.14	112	3059	0.253	ug/l #	87

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ClientSampleId :
BFB

Quant Time: Aug 23 05:47:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.36	106	2651	0.346	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	117237	21.275	ug/l #	37
77) Bromobenzene	11.26	156	1459	0.292	ug/l	88
78) n-propylbenzene	11.36	91	5083	0.248	ug/l	95
79) 2-Chlorotoluene	11.42	91	2913	0.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	117237	69.029	ug/l #	10
82) 4-Chlorotoluene	11.51	91	4767	0.322	ug/l	100
86) p-Isopropyltoluene	12.07	119	3223	0.204	ug/l #	72
87) 1,3-Dichlorobenzene	12.02	146	3848	0.409	ug/l	98
88) 1,4-Dichlorobenzene	12.02	146	3848	0.388	ug/l	99
89) n-Butylbenzene	12.39	91	4122	0.321	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	2519	0.293	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	3616	0.579	ug/l	98
94) Hexachlorobutadiene	13.79	225	2889	0.857	ug/l	97
95) Naphthalene	13.83	128	7371	0.417	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	3741	0.565	ug/l	98

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

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Operator : JC/MD

Sample : IBLK

Misc : 5.0mL/MSVOA X/WATER

```
ALS Vial      : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
BFB

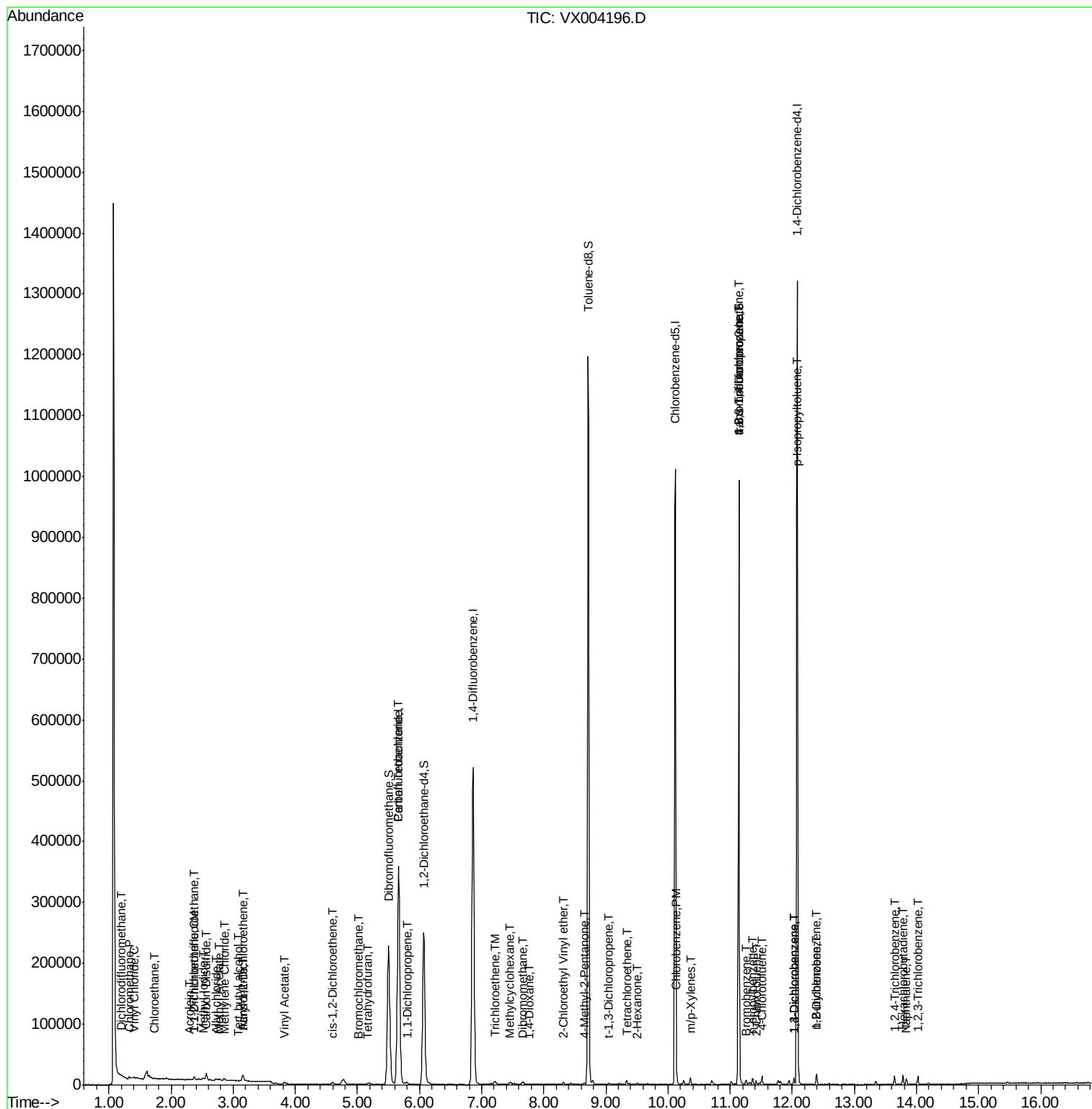
Quant Time: Aug 23 05:47:39 2018

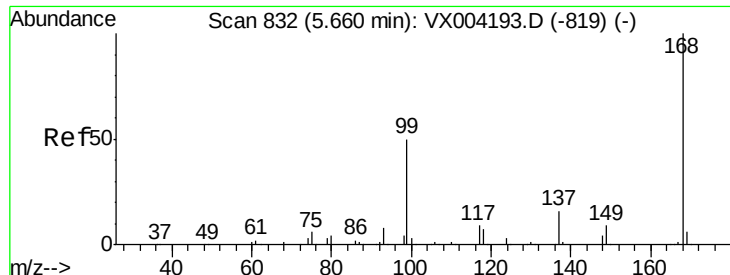
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82X082218W.M

Quant Title : SW846 8260

QLast Update : Thu Aug 23 05:39:44 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

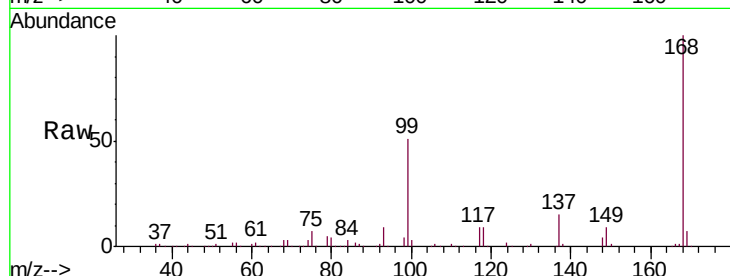
BFB

Tgt Ion:168 Resp: 363457

Ion Ratio Lower Upper

168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

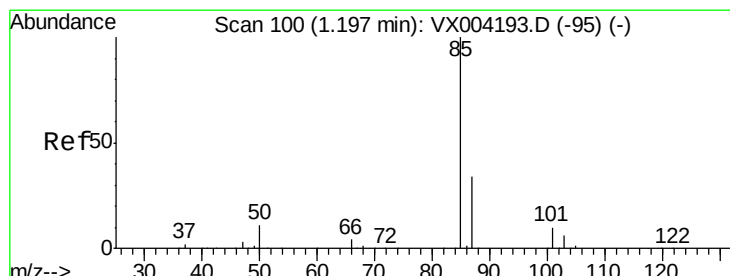
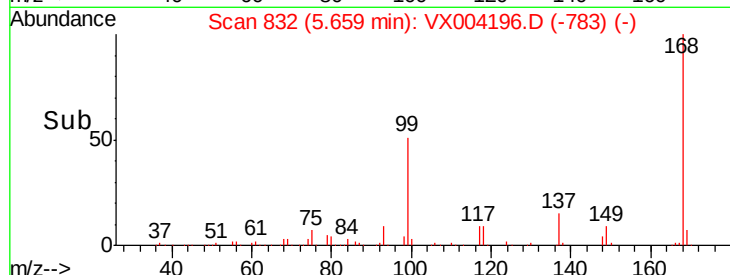
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 0.230 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004196.D

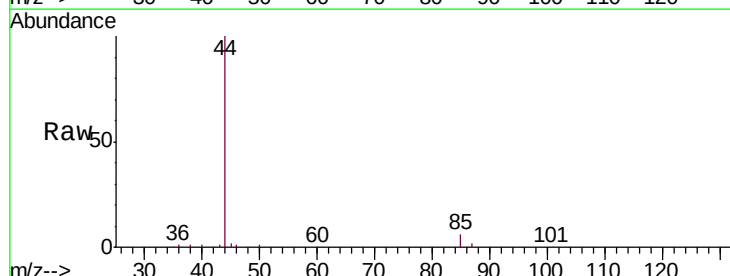
Acq: 22 Aug 2018 13:02

Tgt Ion: 85 Resp: 970

Ion Ratio Lower Upper

85 100

87 28.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1000

800

600

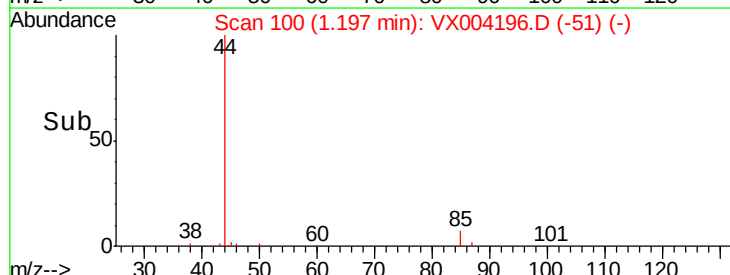
400

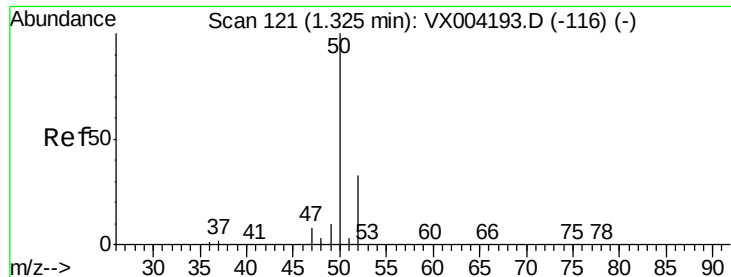
200

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.884 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

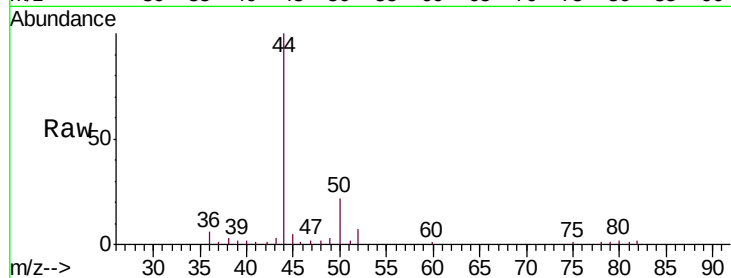
BFB

Tgt Ion: 50 Resp: 2780

Ion Ratio Lower Upper

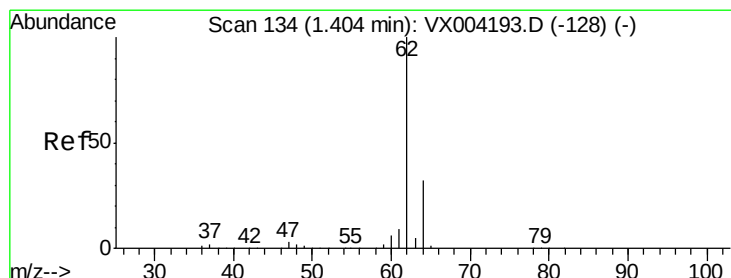
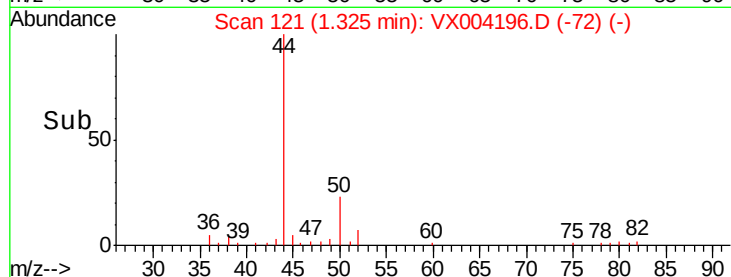
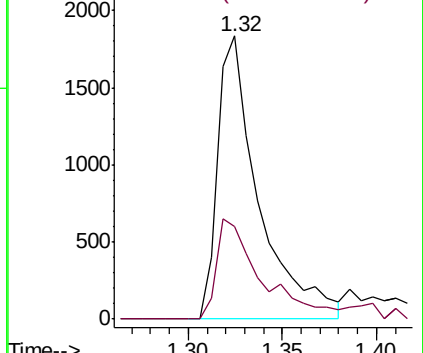
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.244 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004196.D

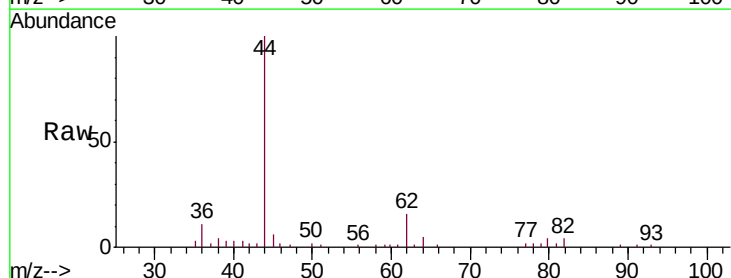
Acq: 22 Aug 2018 13:02

Tgt Ion: 62 Resp: 1164

Ion Ratio Lower Upper

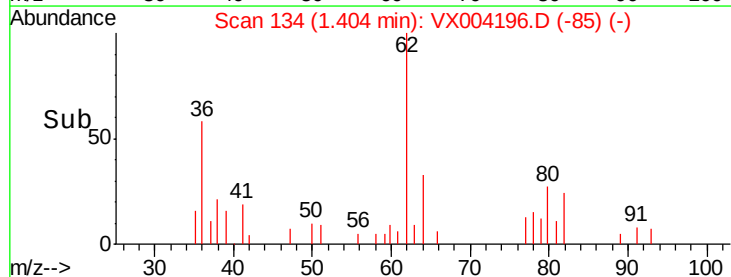
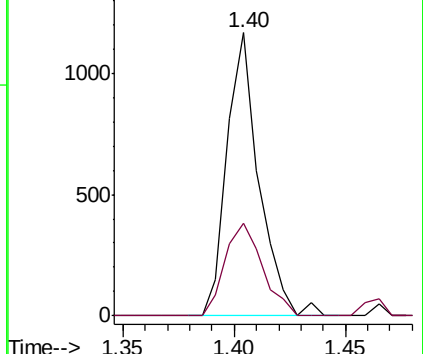
62 100

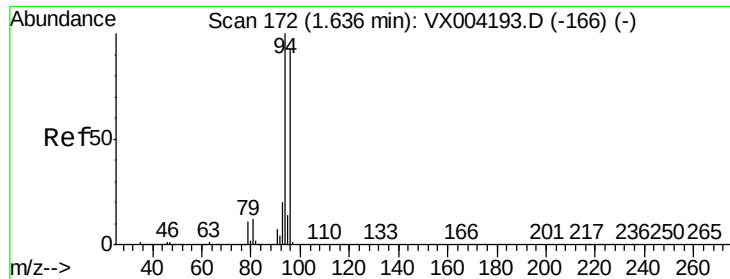
64 32.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

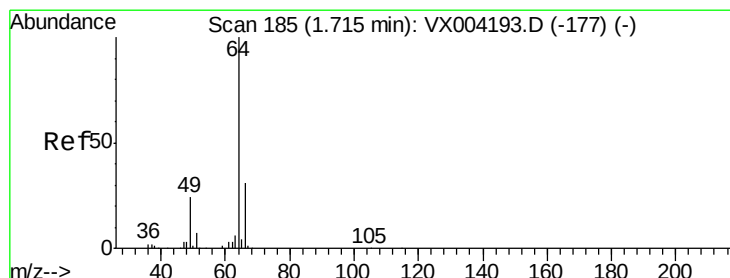
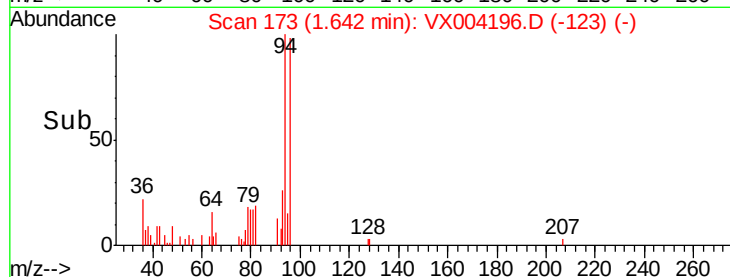
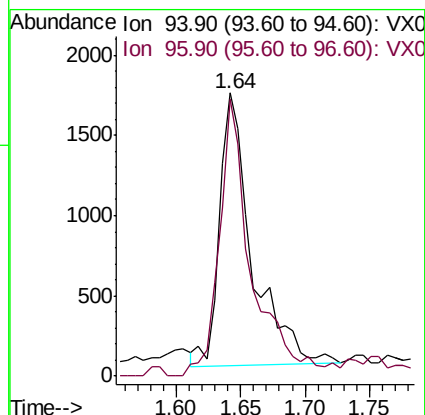
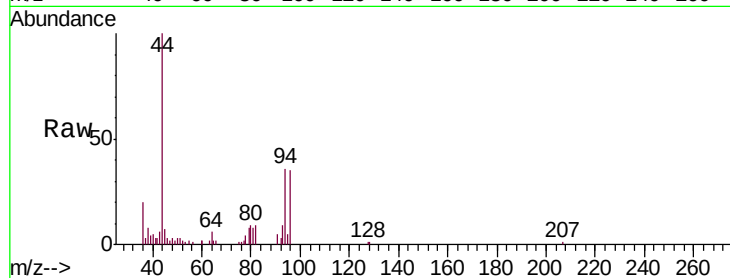
BFB

Tgt Ion: 94 Resp: 3006

Ion Ratio Lower Upper

94 100

96 99.9 74.5 111.7



#6

Chloroethane

Concen: 1.260 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004196.D

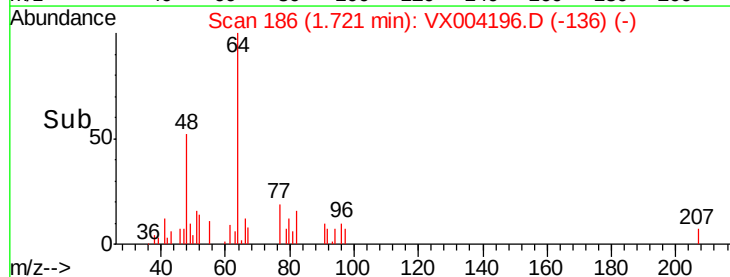
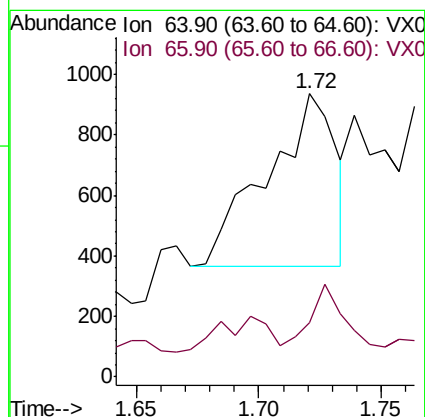
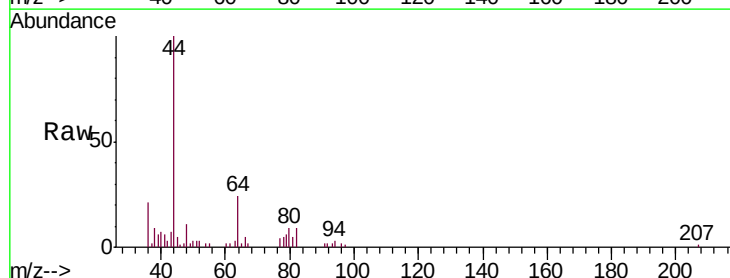
Acq: 22 Aug 2018 13:02

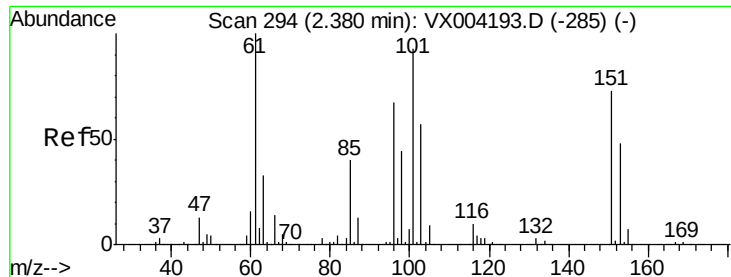
Tgt Ion: 64 Resp: 1119

Ion Ratio Lower Upper

64 100

66 15.8 24.6 36.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.202 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

BFB

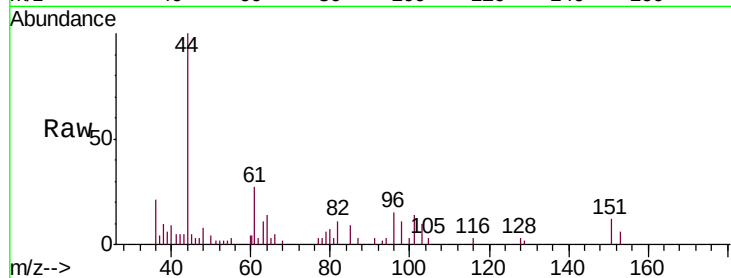
Tgt Ion:101 Resp: 827

Ion Ratio Lower Upper

101 100

85 45.5 34.2 51.4

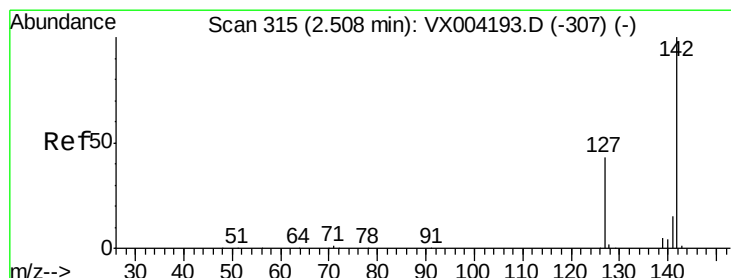
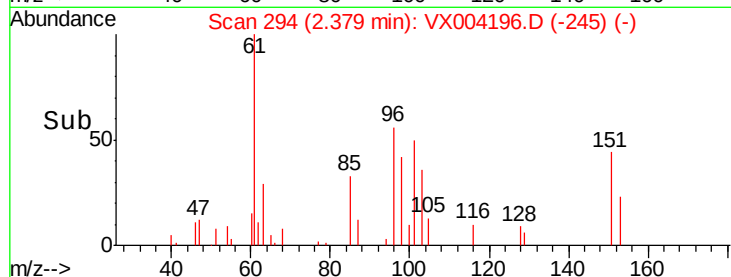
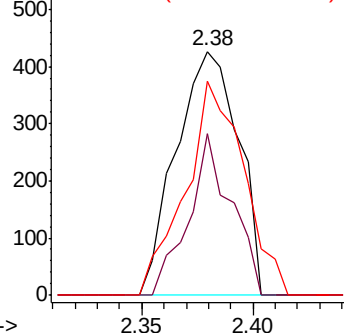
151 82.6 65.0 97.6



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: 5.099 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

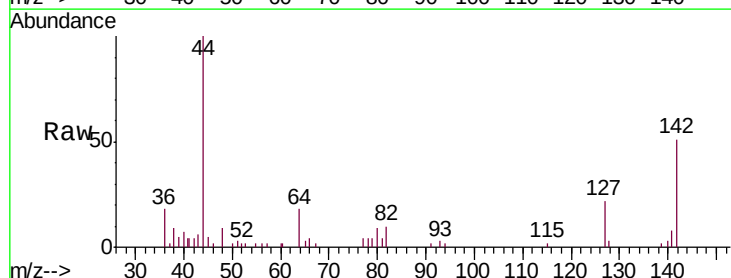
Tgt Ion:142 Resp: 4209

Ion Ratio Lower Upper

142 100

127 41.4 33.8 50.6

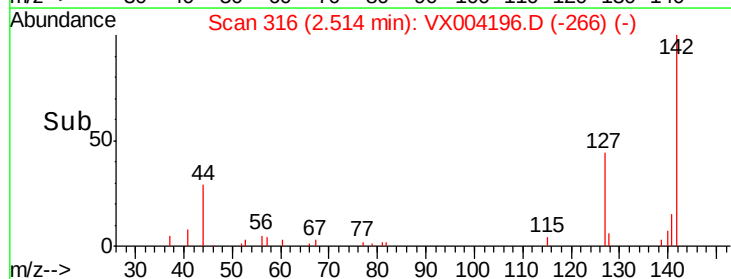
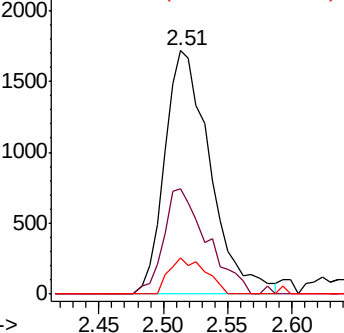
141 11.9 11.4 17.0

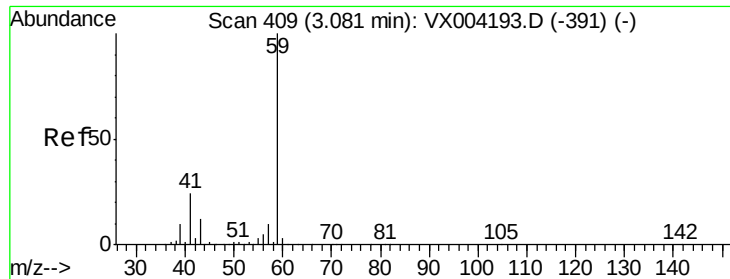


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

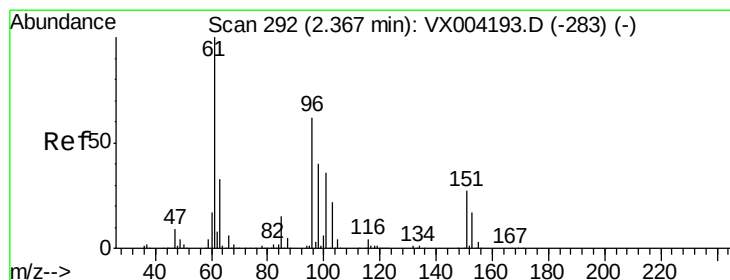
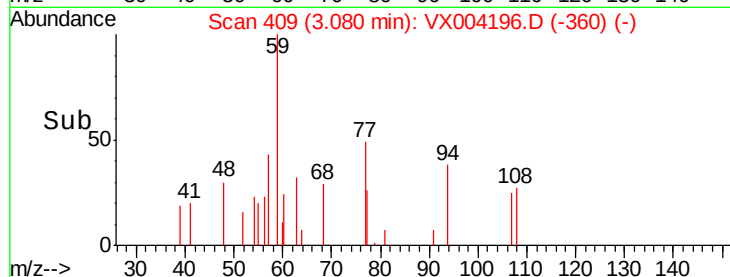
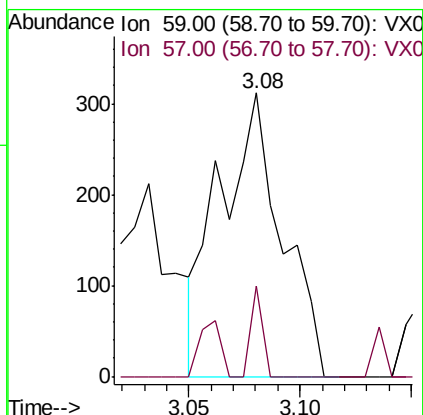
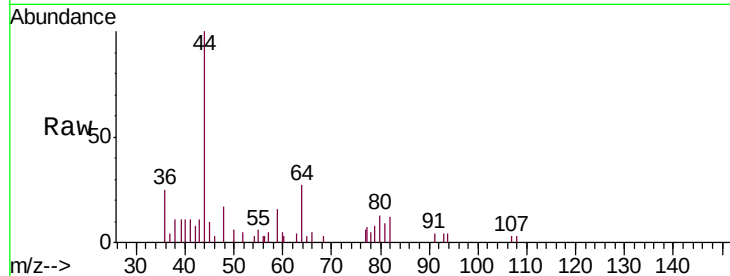




#11
Tert butyl alcohol
Concen: 0.599 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

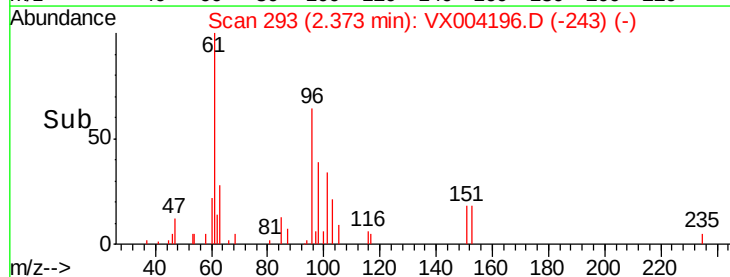
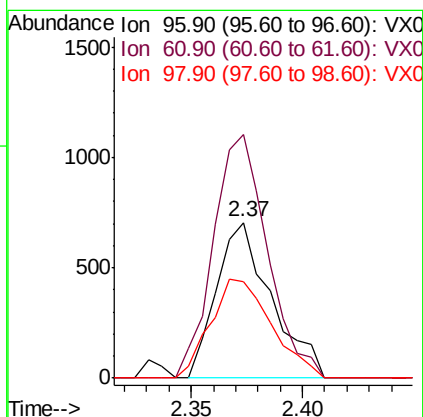
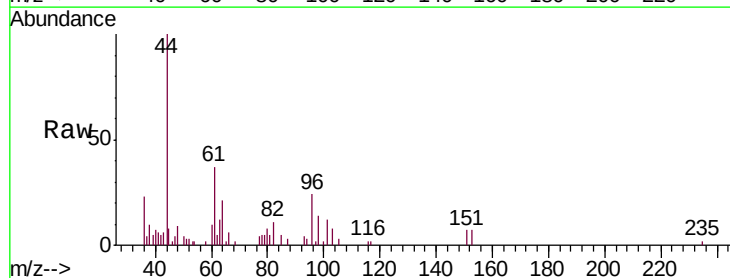
Instrument :
MSVOA_X
ClientSampled :
BFB

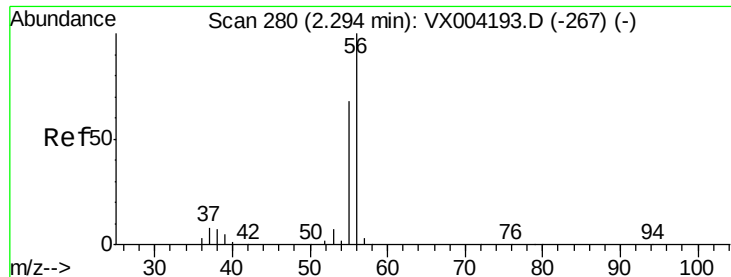
Tgt Ion: 59 Resp: 605
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.313 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 96 Resp: 1205
Ion Ratio Lower Upper
96 100
61 156.5 128.8 193.2
98 61.6 52.2 78.2





#13

Acrolein

Concen: 3.298 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

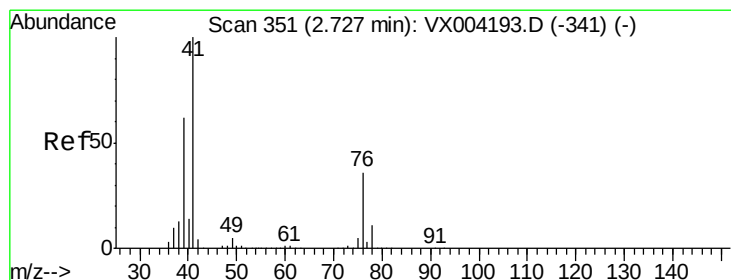
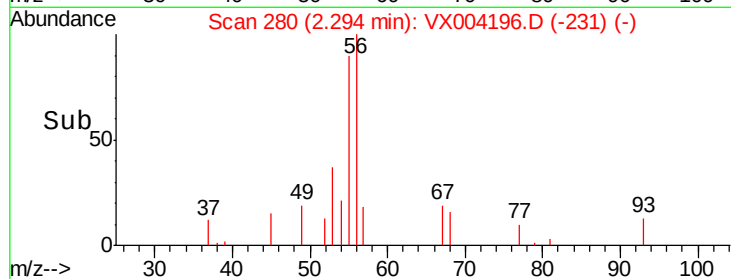
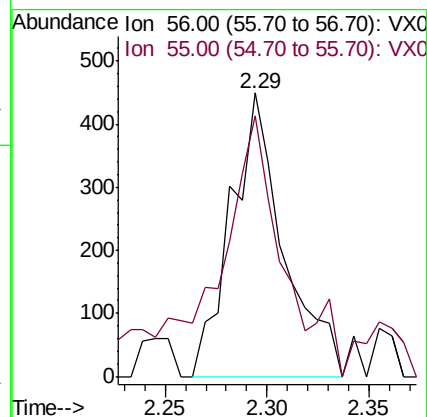
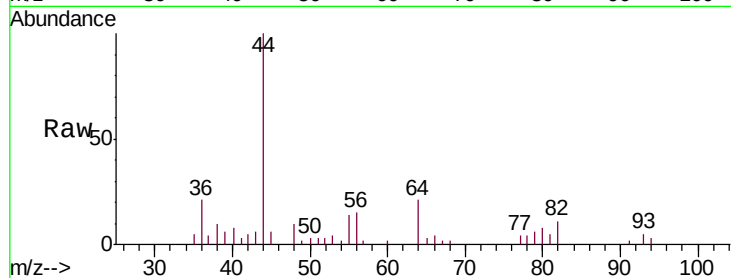
BFB

Tgt Ion: 56 Resp: 803

Ion Ratio Lower Upper

56 100

55 121.0 54.7 82.1#



#14

Allyl chloride

Concen: 0.219 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

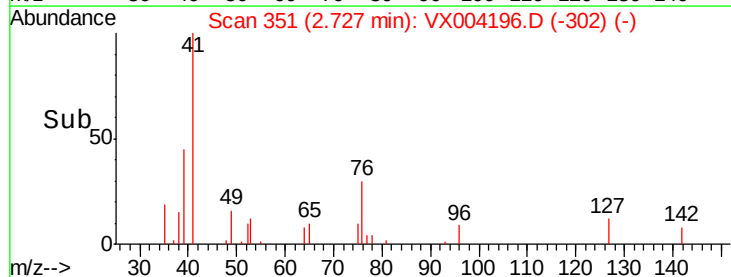
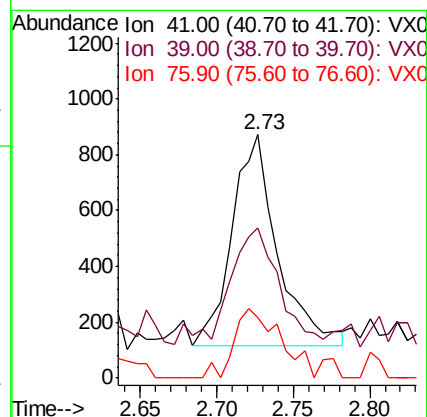
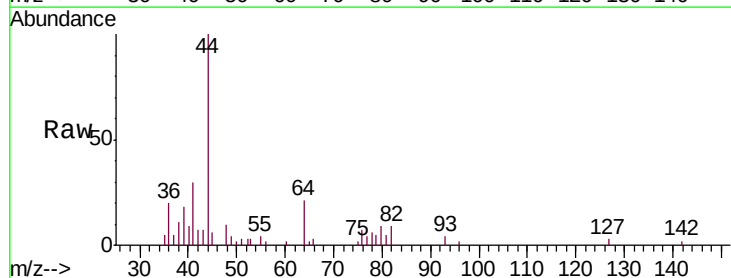
Tgt Ion: 41 Resp: 1546

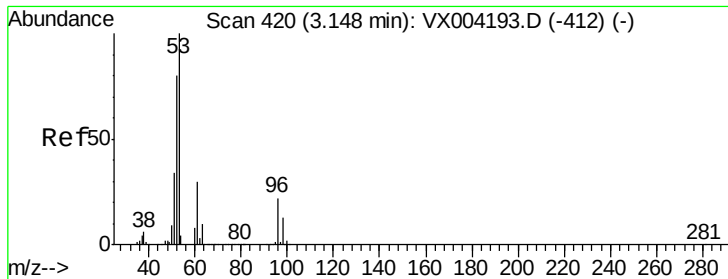
Ion Ratio Lower Upper

41 100

39 51.1 48.9 73.3

76 33.8 26.7 40.1





#15

Acrylonitrile

Concen: 1.342 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

BFB

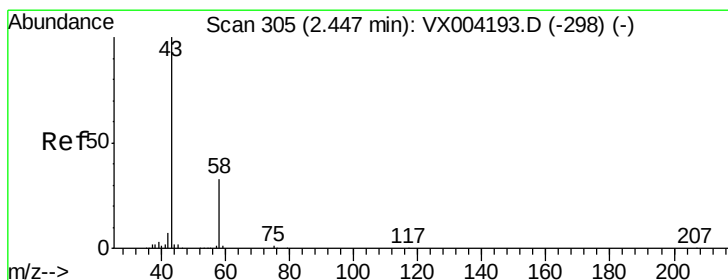
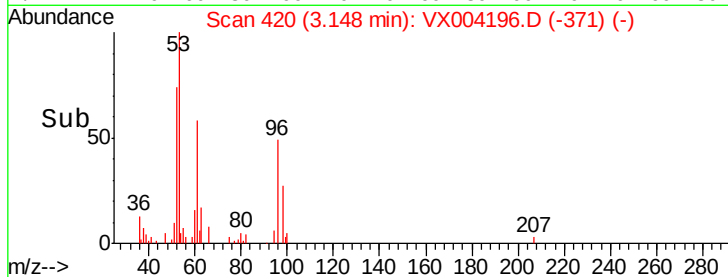
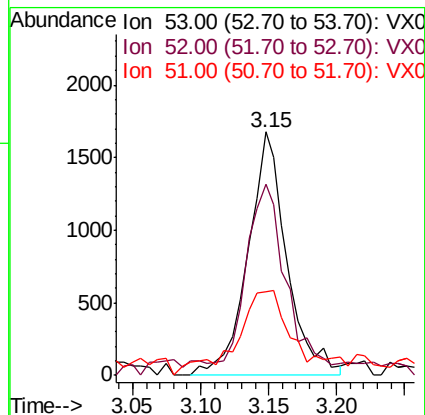
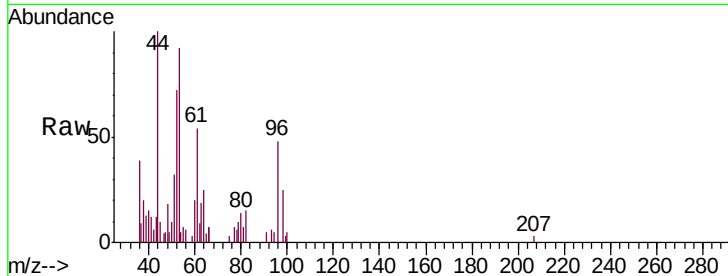
Tgt Ion: 53 Resp: 3357

Ion Ratio Lower Upper

53 100

52 71.8 65.2 97.8

51 48.6 28.2 42.2#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX004196.D

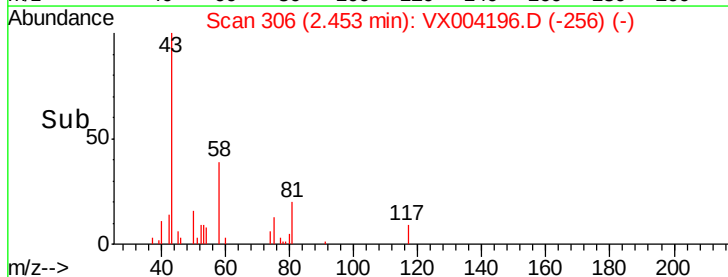
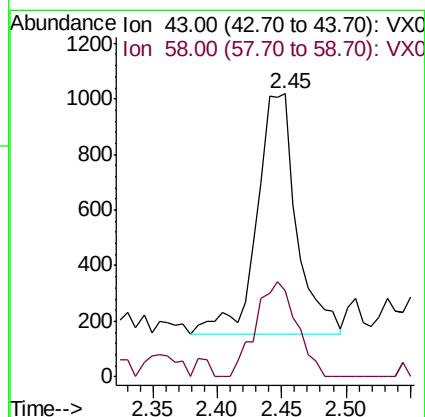
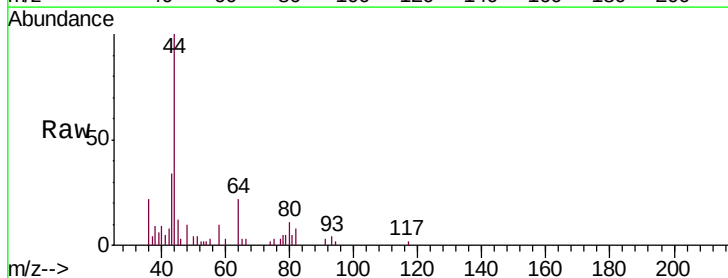
Acq: 22 Aug 2018 13:02

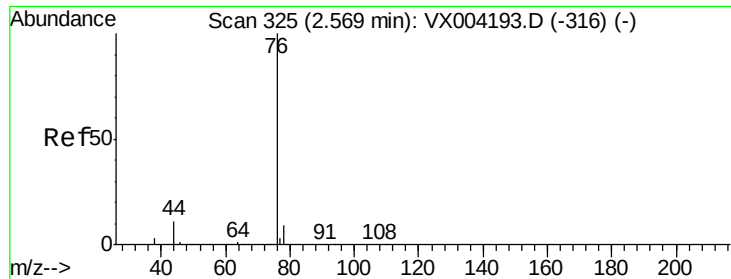
Tgt Ion: 43 Resp: 1865

Ion Ratio Lower Upper

43 100

58 35.8 26.2 39.4

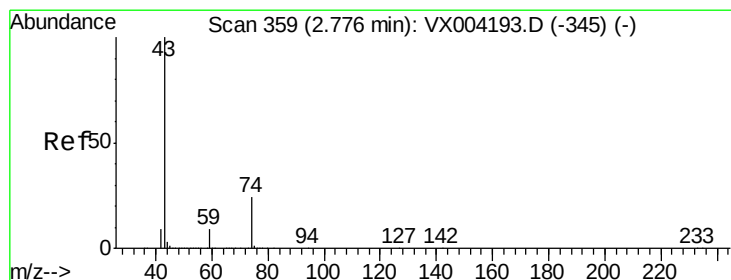
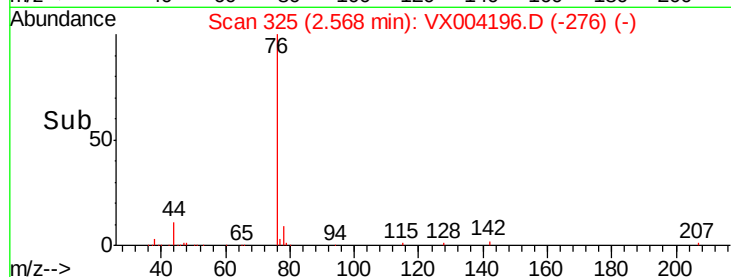
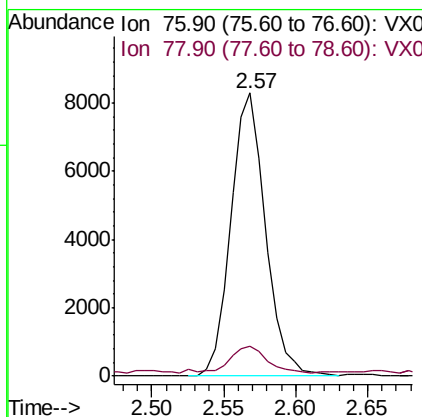
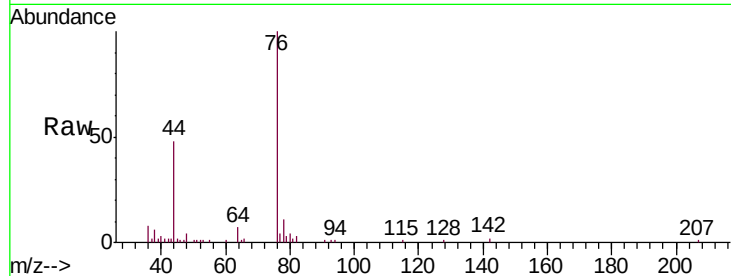




#17
Carbon Disulfide
Concen: 2.076 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

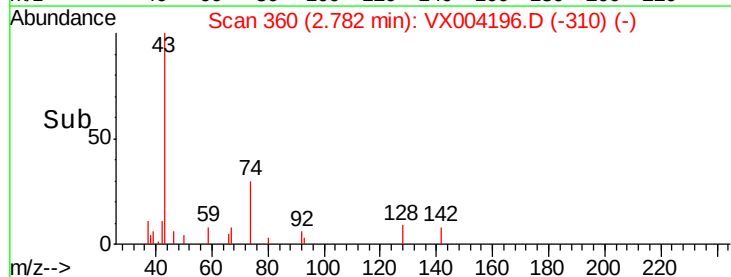
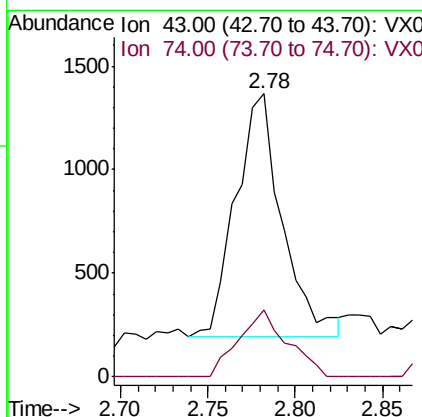
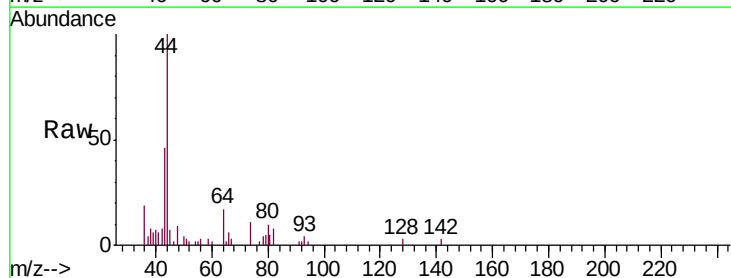
Instrument :
MSVOA_X
ClientSampleId :
BFB

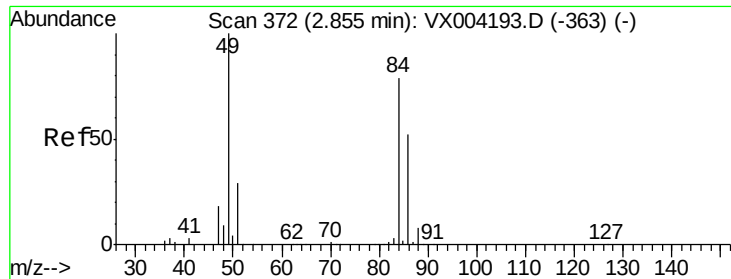
Tgt Ion: 76 Resp: 13891
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 0.308 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 43 Resp: 2162
Ion Ratio Lower Upper
43 100
74 28.9 19.4 29.2

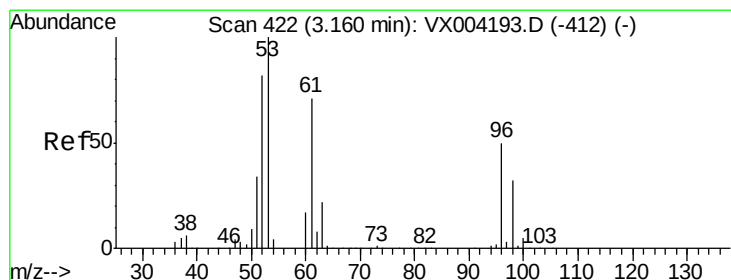
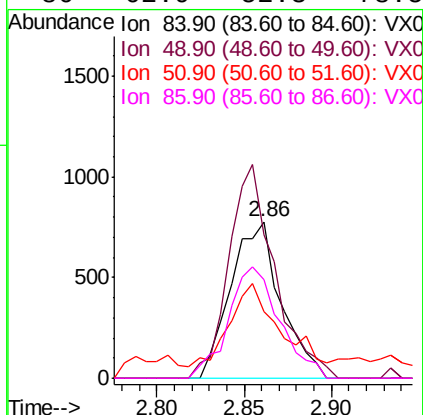
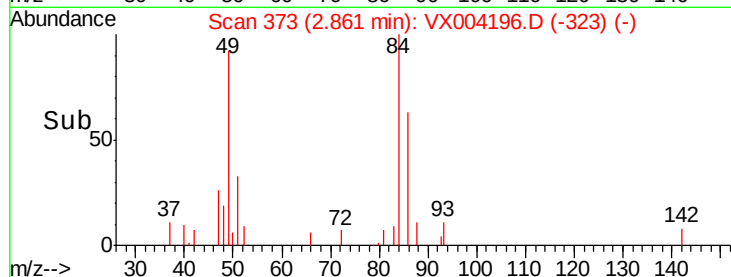
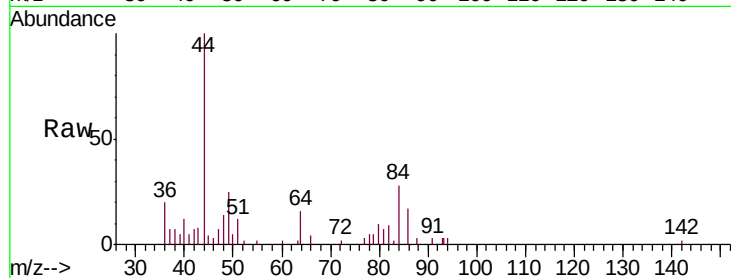




#20
Methylene Chloride
Concen: 0.340 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

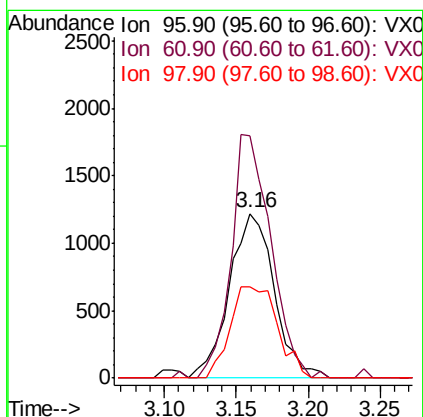
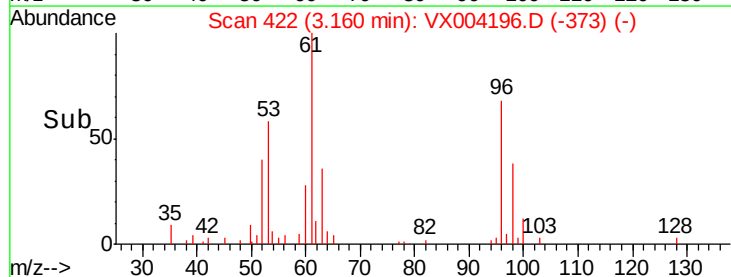
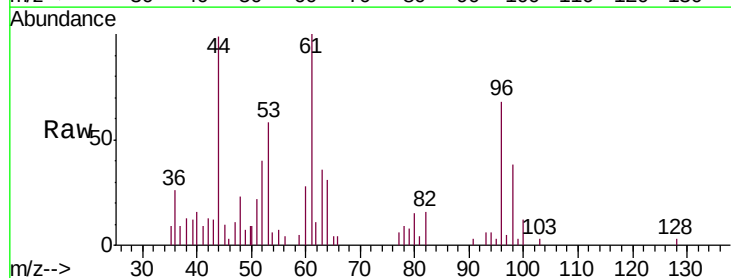
Instrument :
MSVOA_X
ClientSampled :
BFB

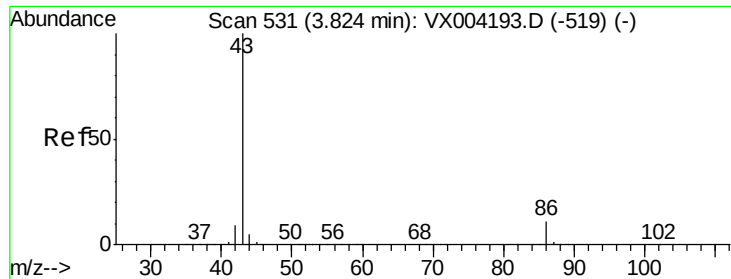
Tgt Ion: 84 Resp: 1549
Ion Ratio Lower Upper
84 100
49 91.5 101.2 151.8#
51 35.0 29.5 44.3
86 62.9 52.3 78.5



#21
trans-1,2-Dichloroethene
Concen: 0.622 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 96 Resp: 2651
Ion Ratio Lower Upper
96 100
61 147.4 113.8 170.6
98 55.7 51.8 77.8

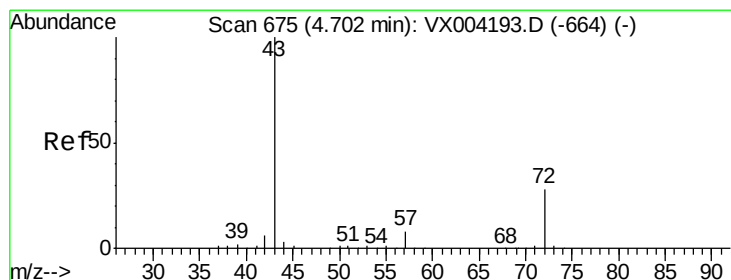
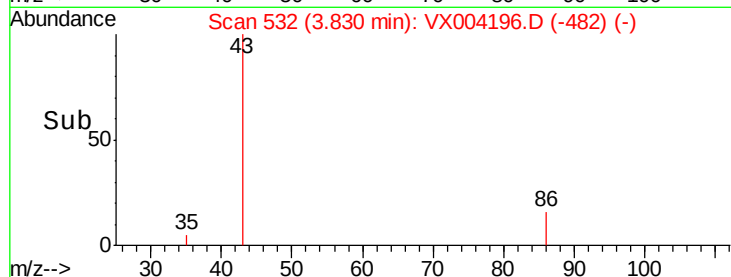
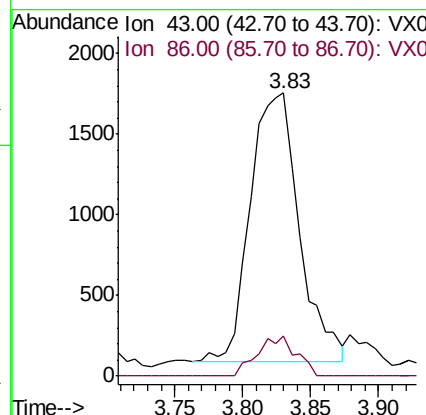
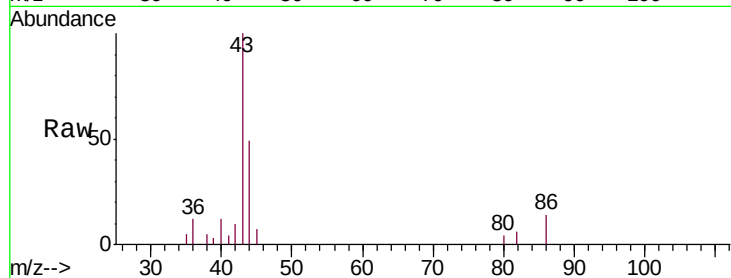




#23
 Vinyl Acetate
 Concen: 0.392 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

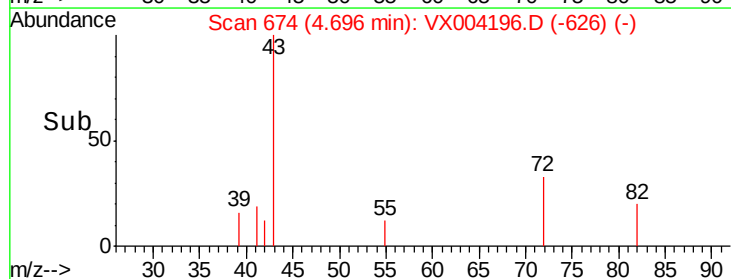
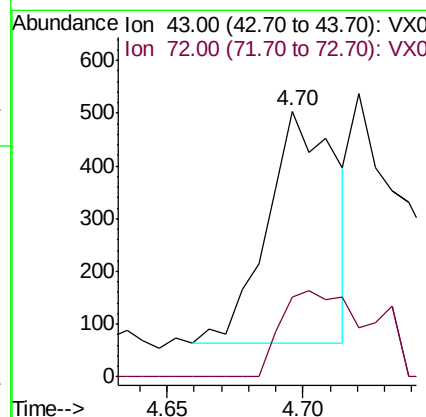
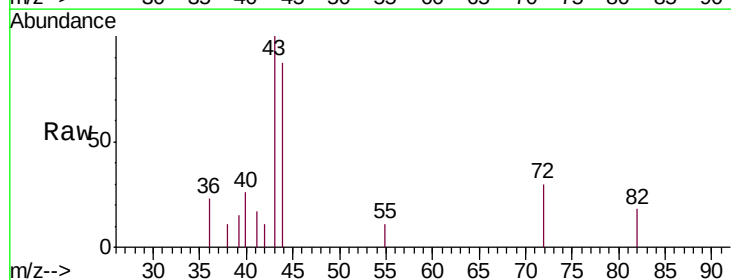
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

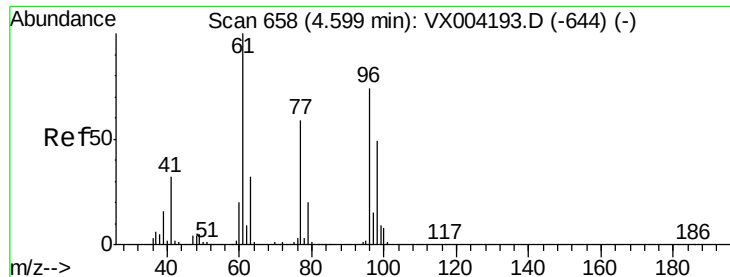
Tgt Ion: 43 Resp: 4199
 Ion Ratio Lower Upper
 43 100
 86 14.7 8.9 13.3#



#25
 2-Butanone
 Concen: Below Cal
 RT: 4.70 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion: 43 Resp: 773
 Ion Ratio Lower Upper
 43 100
 72 34.3 22.0 33.0#



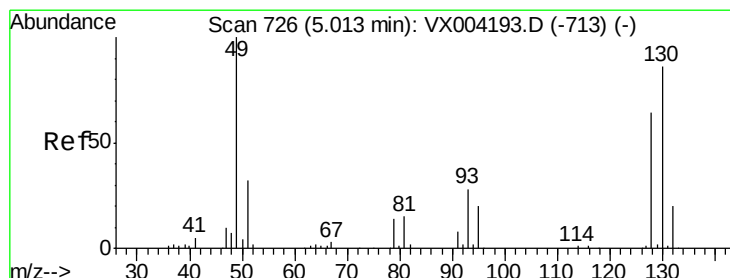
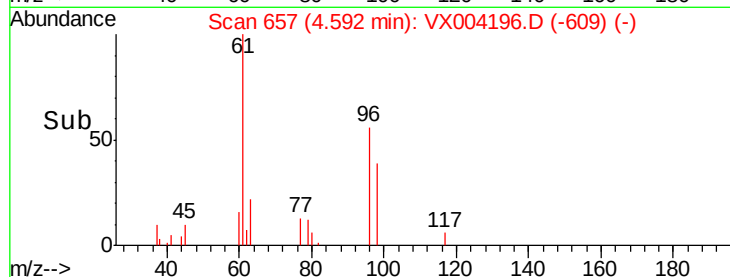
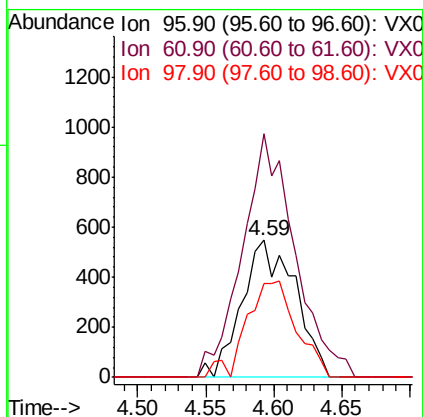
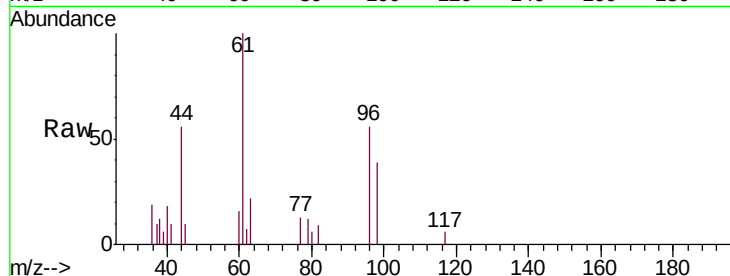


#27

cis-1,2-Dichloroethene
 Concen: 0.310 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

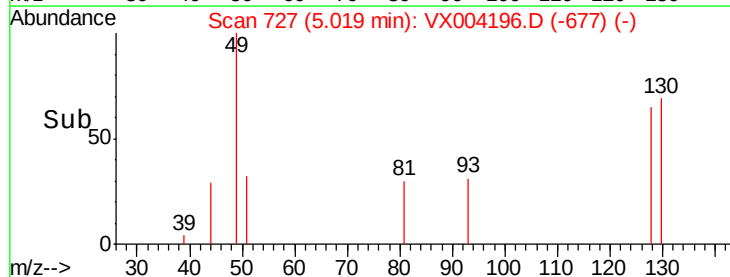
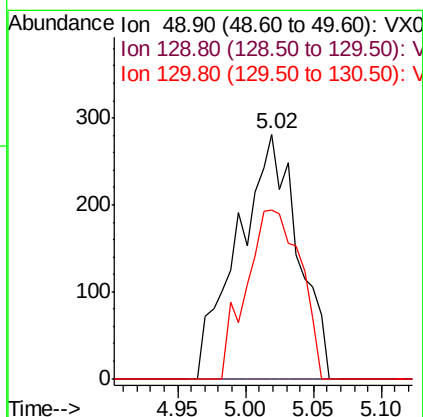
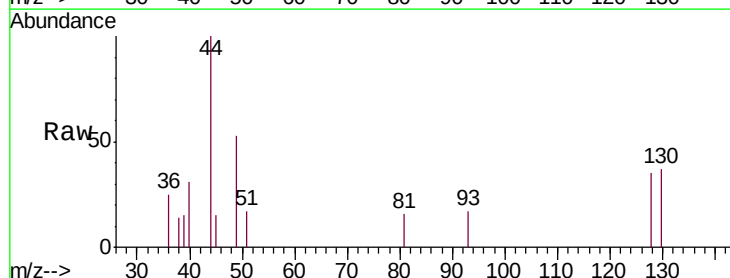
Tgt Ion: 96 Resp: 1500
 Ion Ratio Lower Upper
 96 100
 61 175.3 0.0 282.6
 98 66.0 0.0 130.2

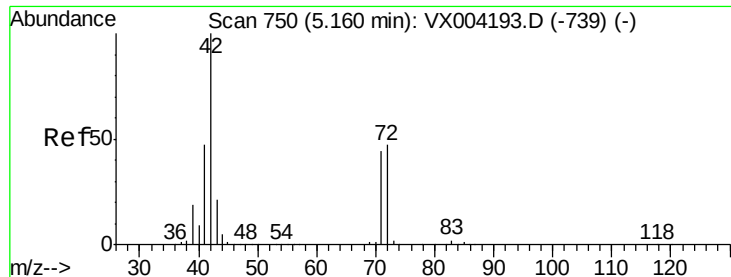


#28

Bromochloromethane
 Concen: 0.253 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion: 49 Resp: 862
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 62.8 67.5 101.3#

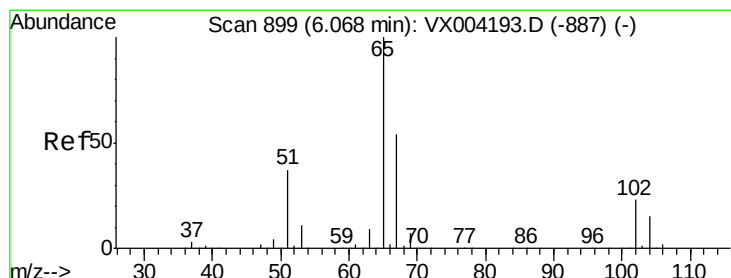
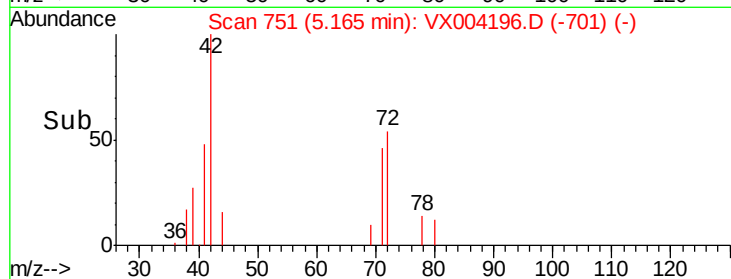
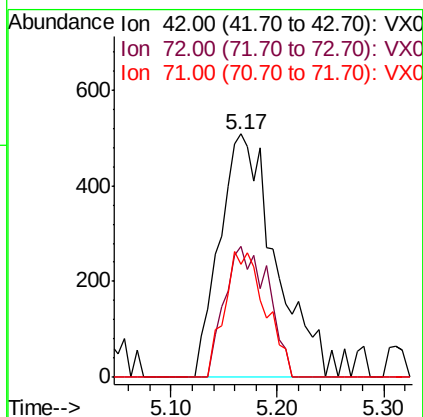
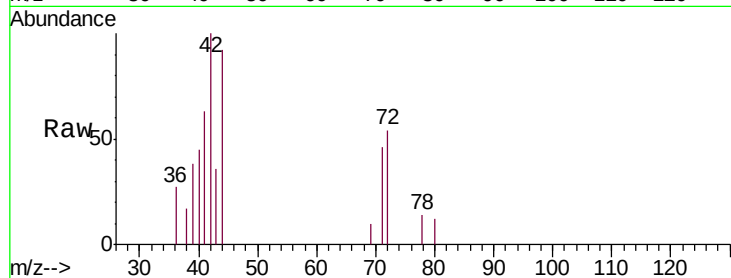




#29
Tetrahydrofuran
Concen: 0.914 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

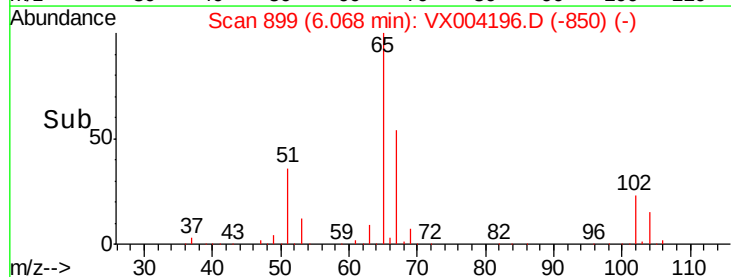
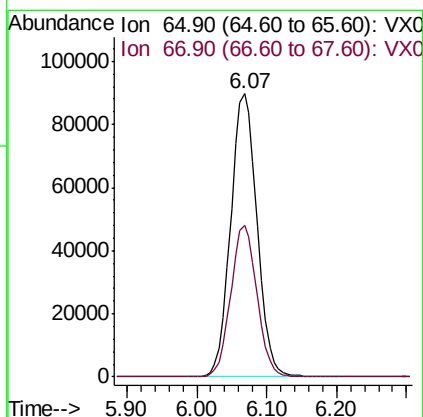
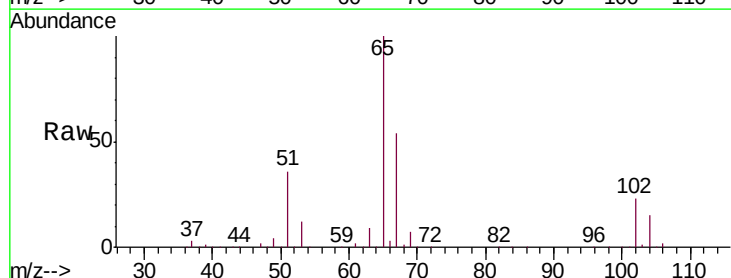
Instrument :
MSVOA_X
ClientSampled :
BFB

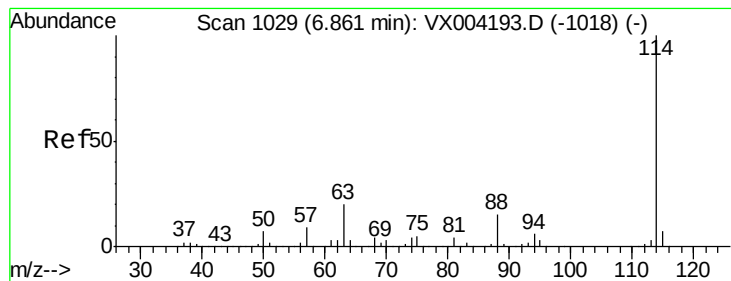
Tgt Ion: 42 Resp: 1860
Ion Ratio Lower Upper
42 100
72 41.9 37.4 56.0
71 37.7 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 49.602 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 65 Resp: 234973
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

BFB

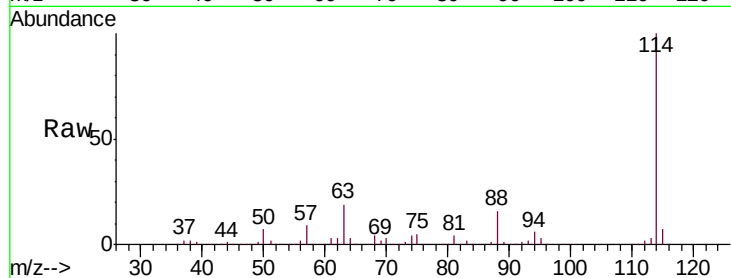
Tgt Ion:114 Resp: 533066

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

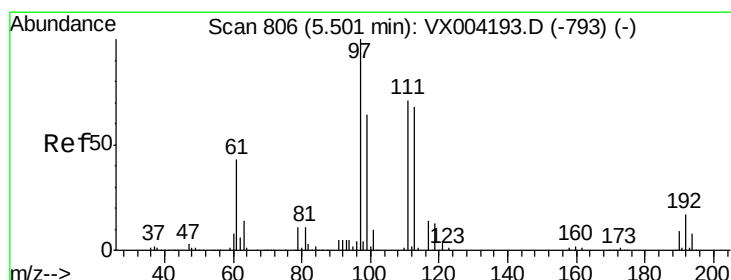
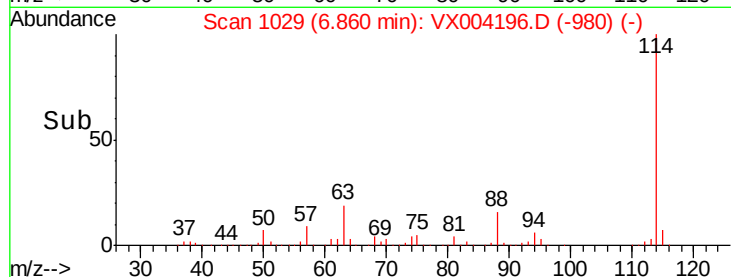
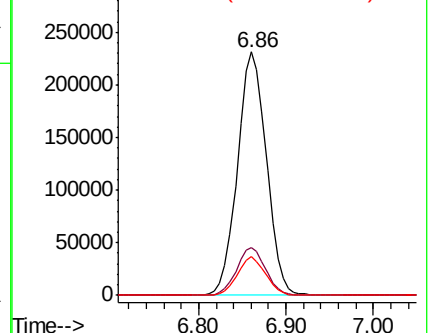
88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.505 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

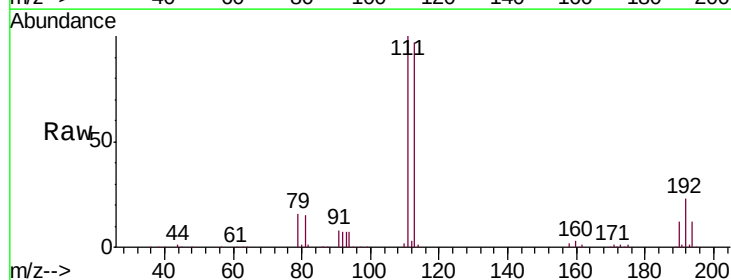
Tgt Ion:113 Resp: 192353

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

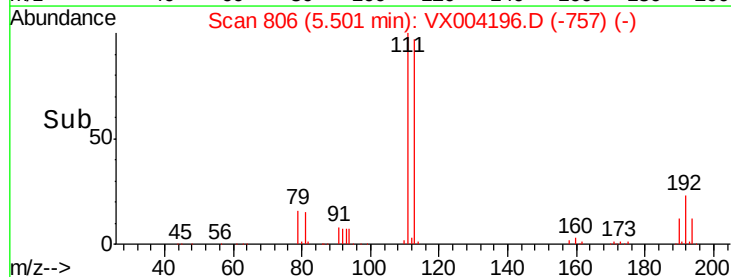
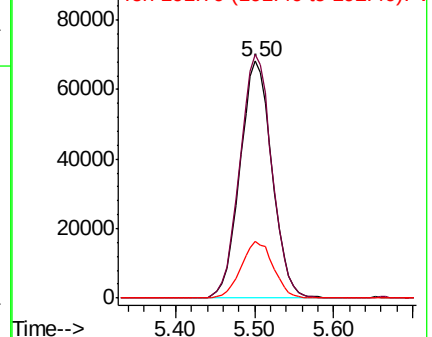
192 24.2 19.4 29.2

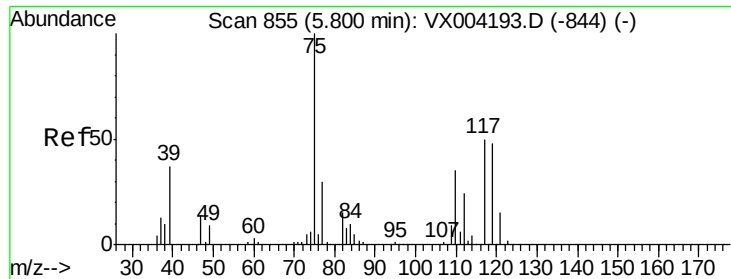


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

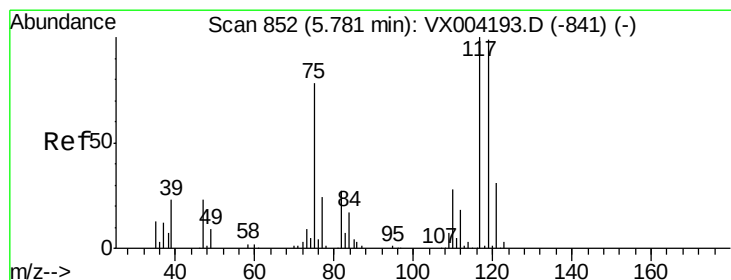
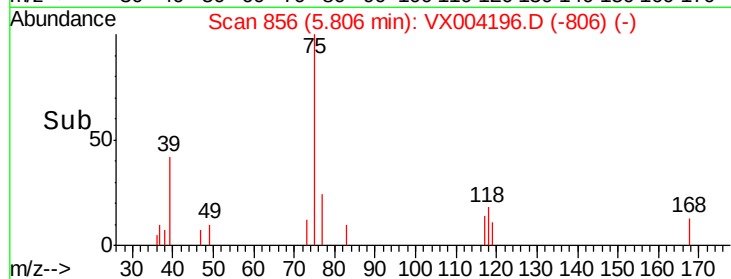
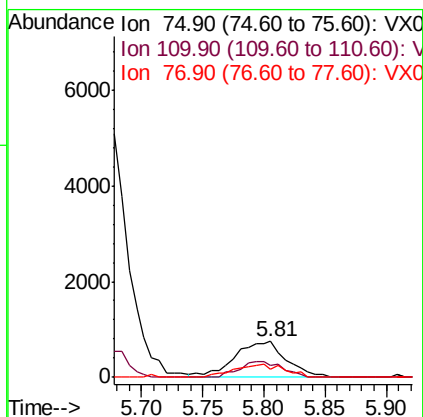
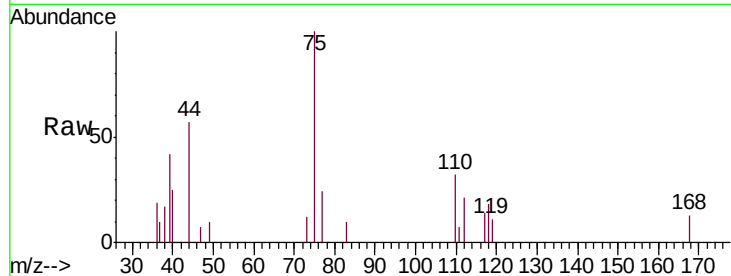




#36
 1,1-Dichloropropene
 Concen: 0.365 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

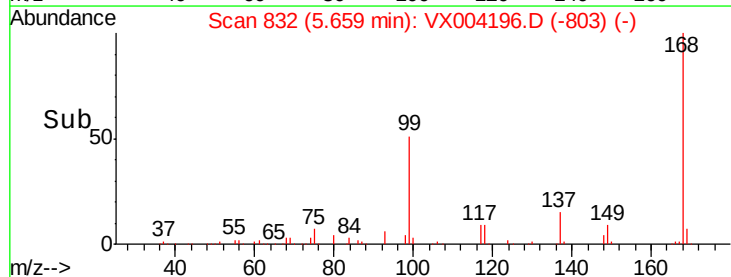
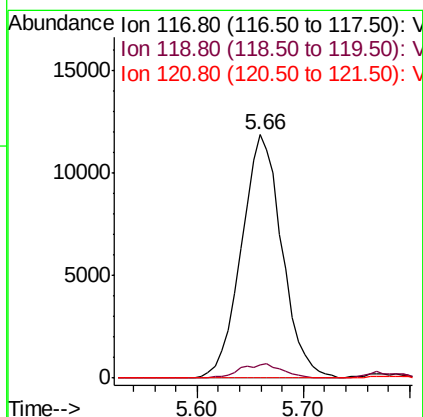
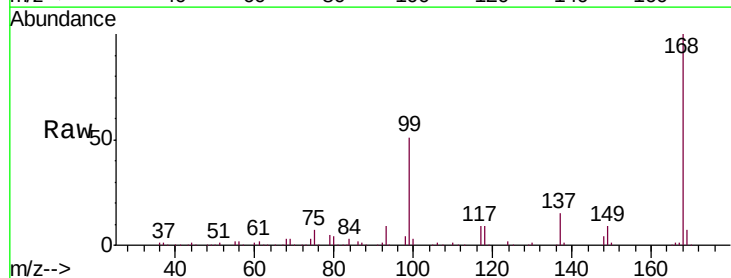
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

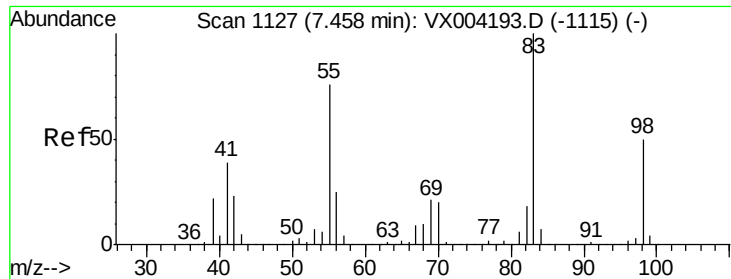
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	35.0	24.6	36.8



#38
 Carbon Tetrachloride
 Concen: 5.622 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.12 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.8	118.2#
121	0.0	24.9	37.3#

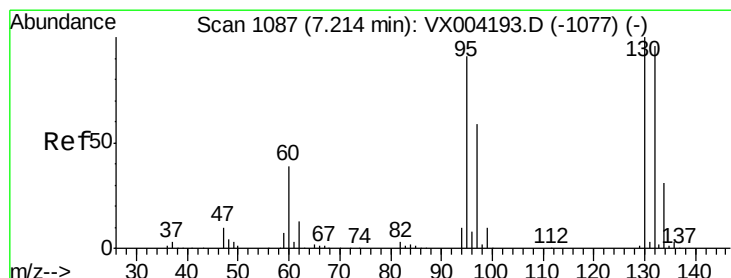
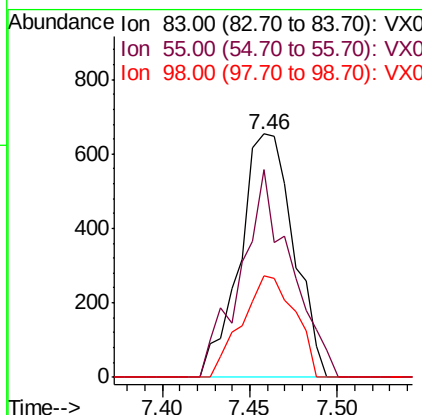
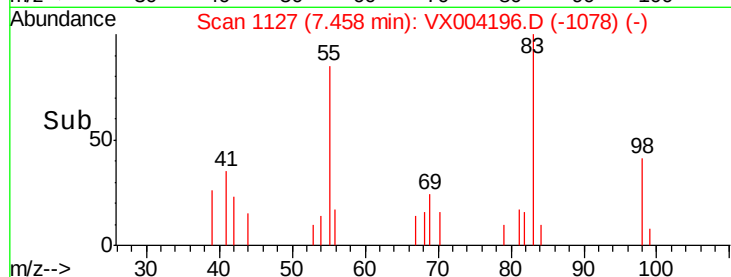
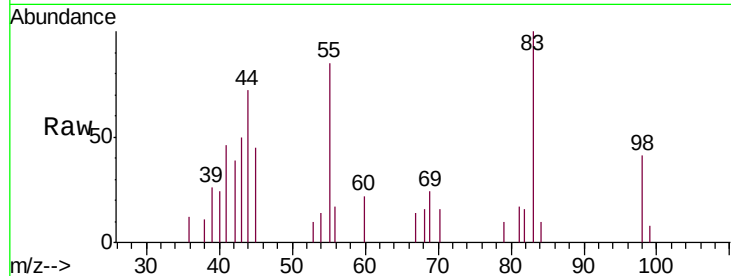




#39
Methylcyclohexane
Concen: 0.204 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

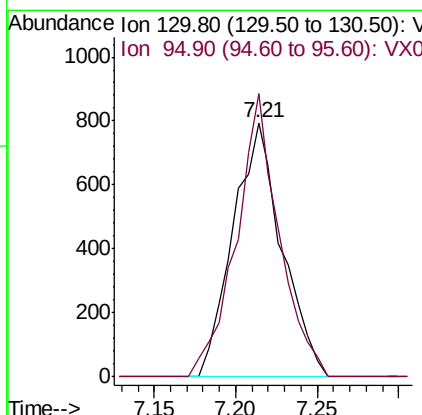
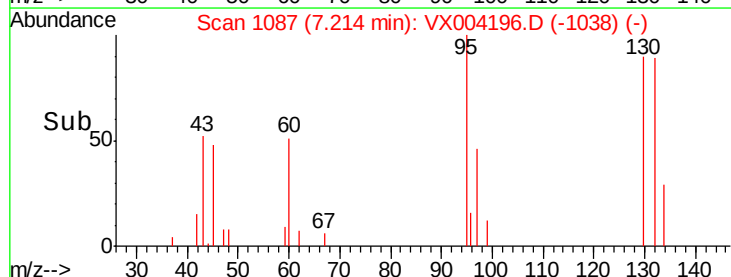
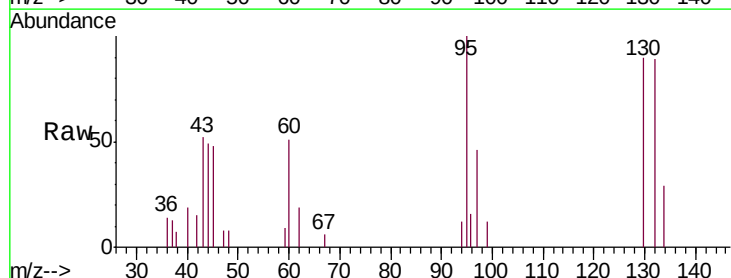
Instrument :
MSVOA_X
ClientSampled :
BFB

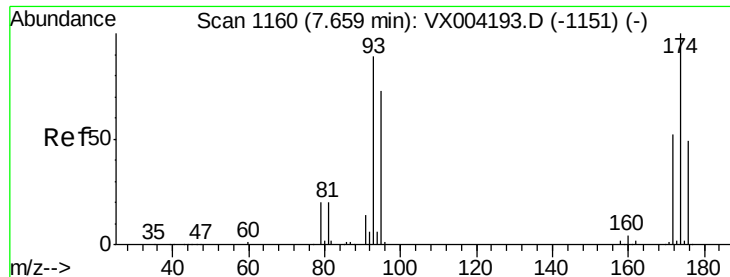
Tgt Ion: 83 Resp: 1398
Ion Ratio Lower Upper
83 100
55 85.3 61.0 91.4
98 41.4 39.6 59.4



#44
Trichloroethene
Concen: 0.335 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 130 Resp: 1660
Ion Ratio Lower Upper
130 100
95 111.3 0.0 181.6

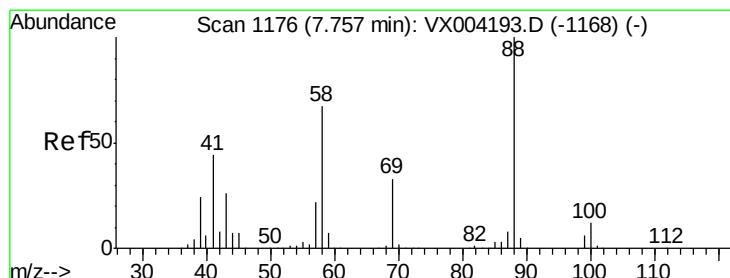
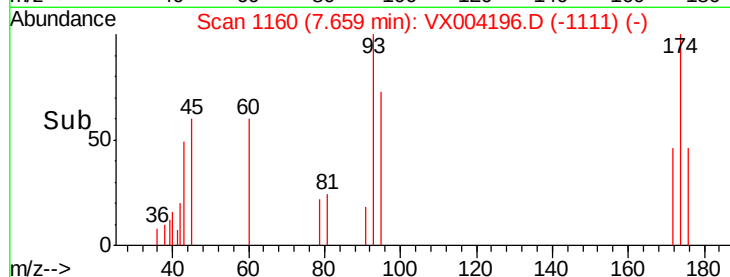
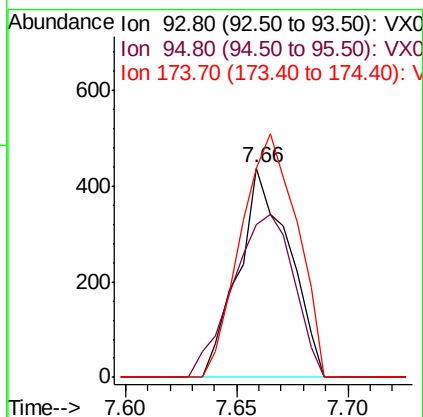
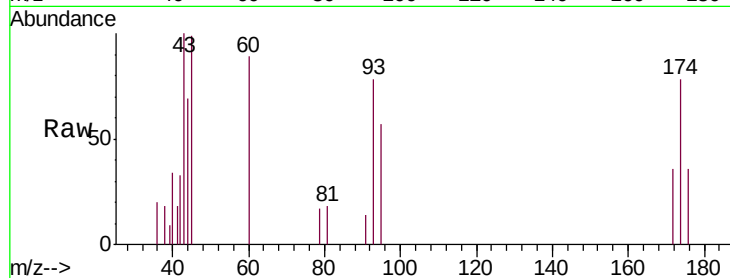




#46
 Dibromomethane
 Concen: 0.233 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

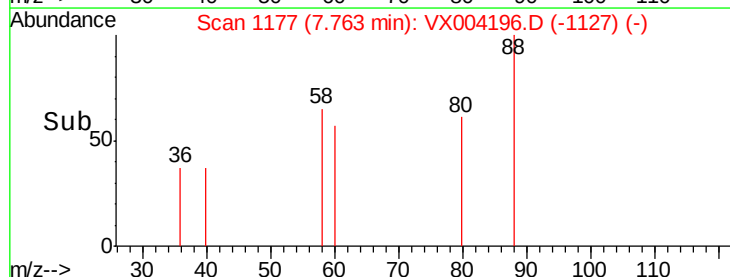
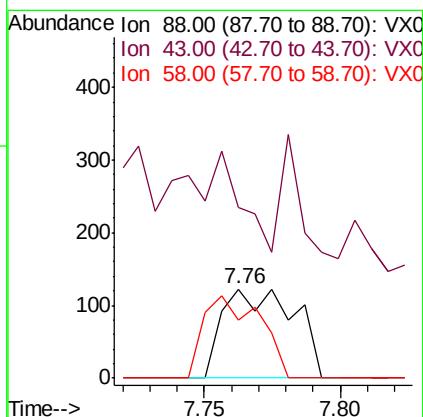
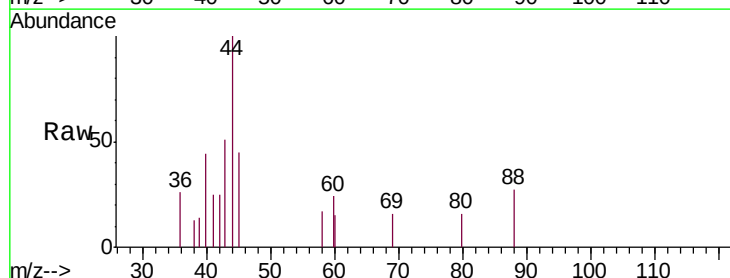
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

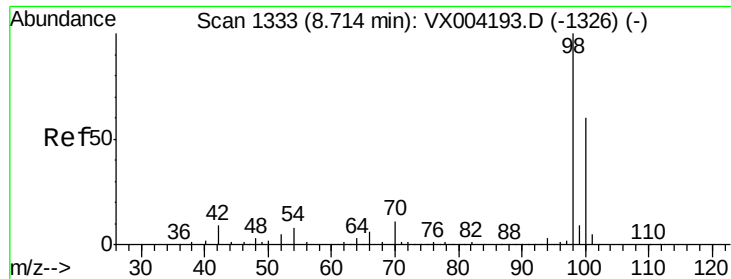
Tgt Ion: 93 Resp: 695
 Ion Ratio Lower Upper
 93 100
 95 93.4 65.5 98.3
 174 128.6 94.2 141.4



#49
 1,4-Dioxane
 Concen: 2.036 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion: 88 Resp: 224
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.7 37.1#
 58 72.8 55.3 82.9

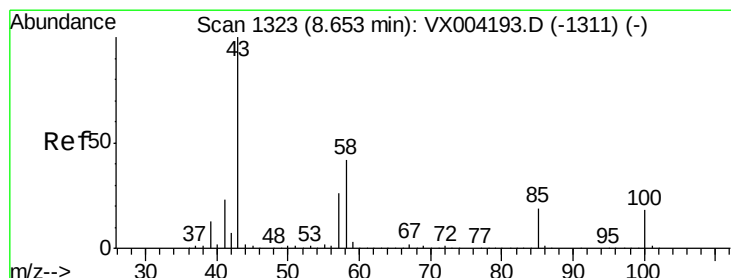
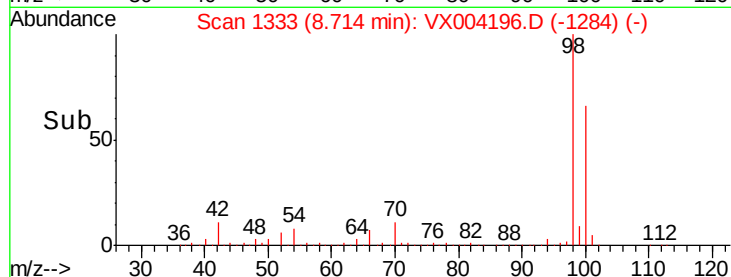
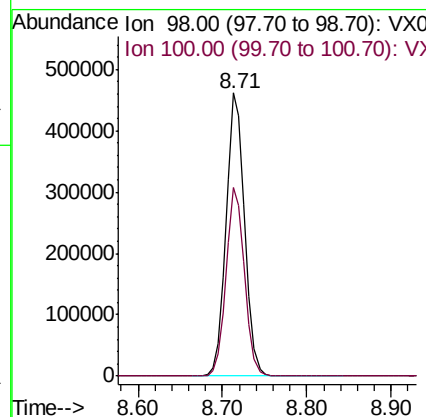
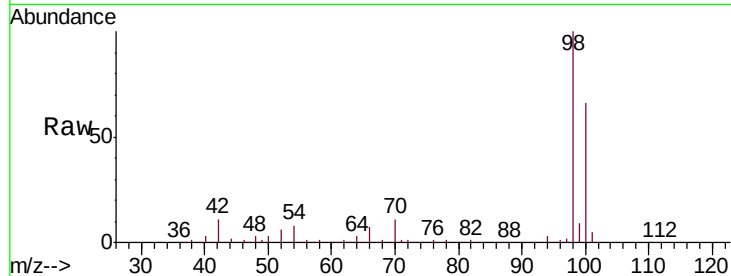




#50
Toluene-d8
Concen: 46.753 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

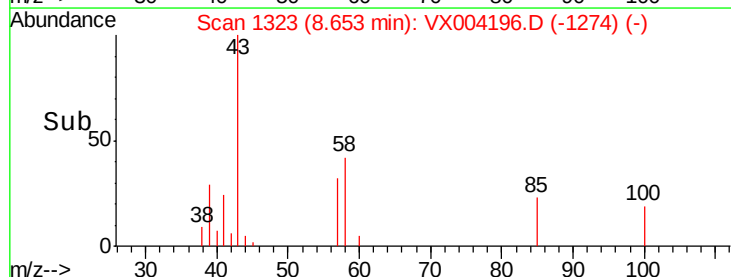
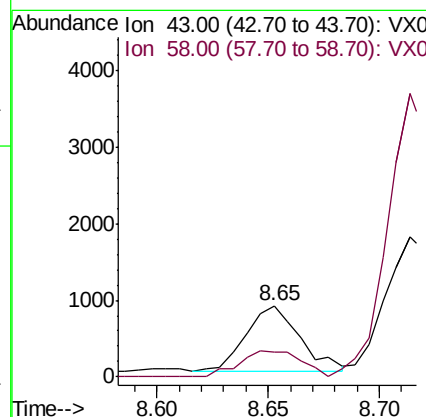
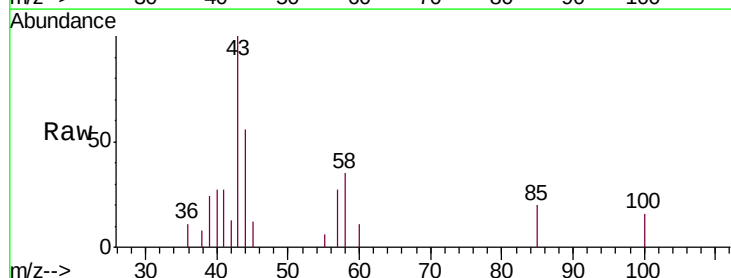
Instrument :
MSVOA_X
ClientSampled :
BFB

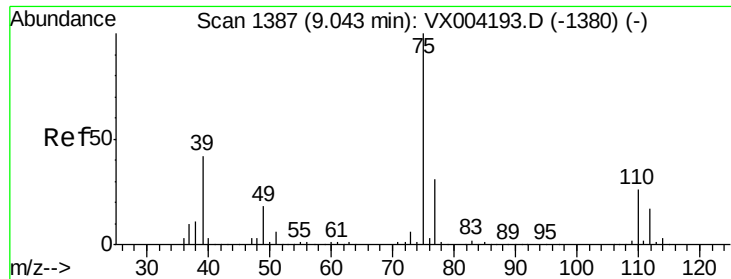
Tgt Ion: 98 Resp: 699846
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.222 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 45.1 33.1 49.7

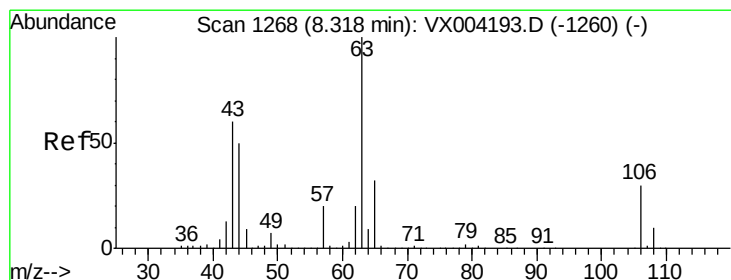
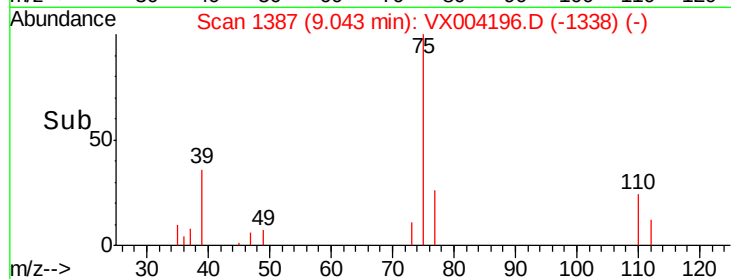
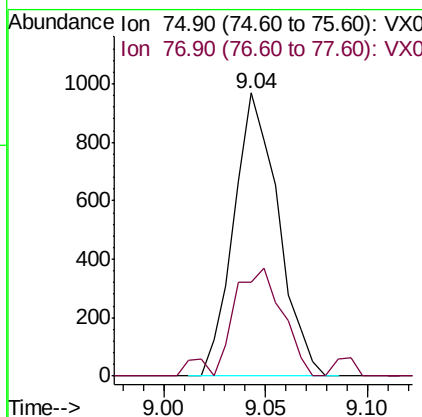
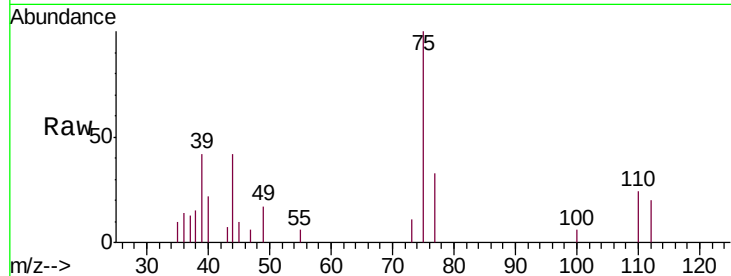




#53
t-1,3-Dichloropropene
Concen: 0.240 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

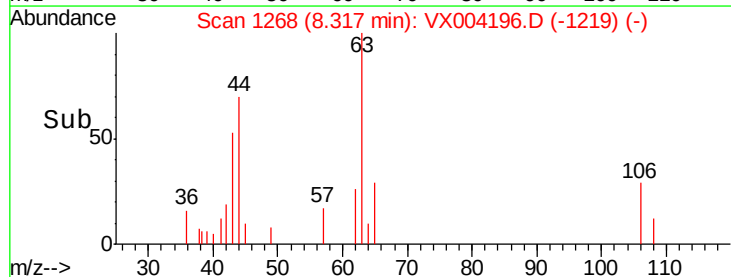
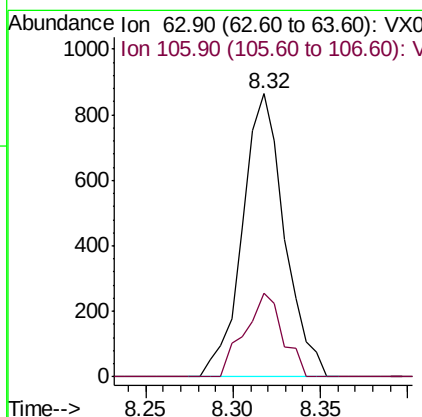
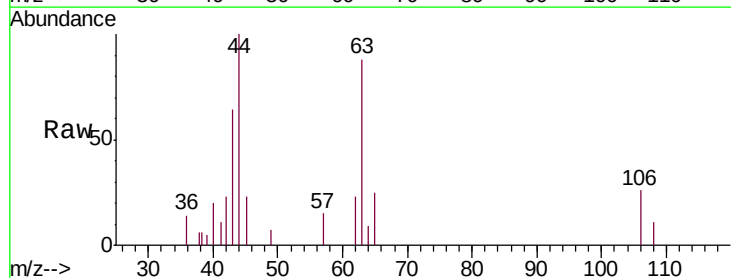
Instrument :
MSVOA_X
ClientSampled :
BFB

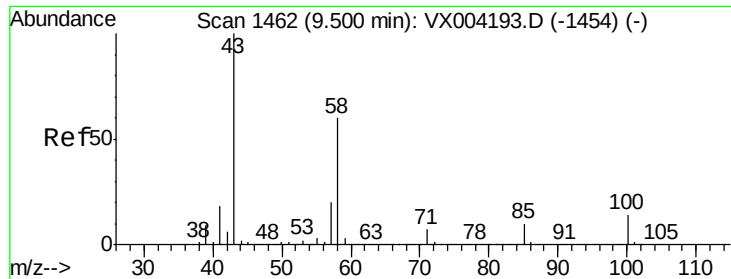
Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
77 27.3 24.6 37.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.459 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 63 Resp: 1450
Ion Ratio Lower Upper
63 100
106 26.6 23.9 35.9

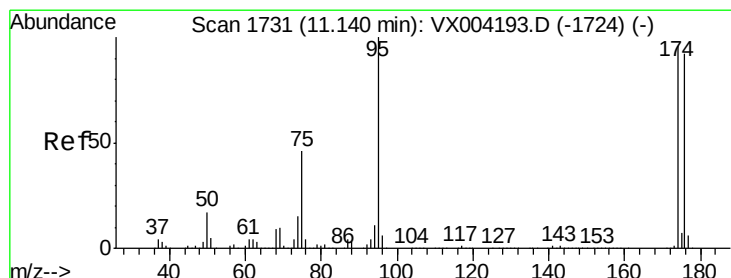
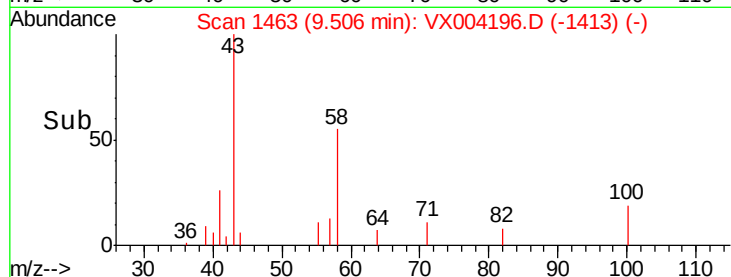
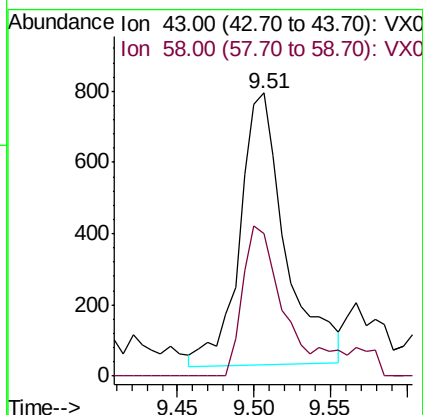
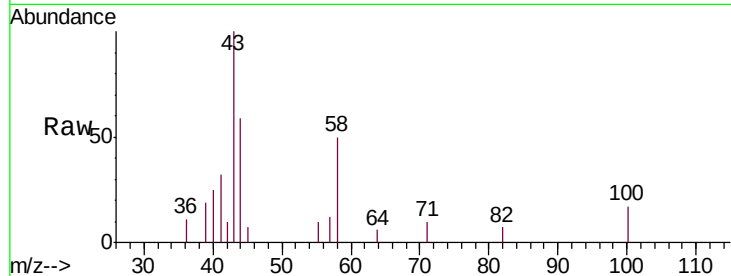




#59
2-Hexanone
Concen: 0.319 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

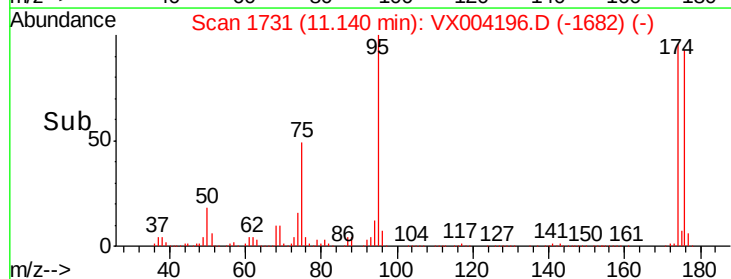
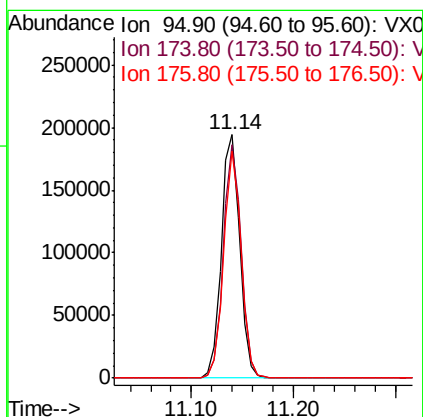
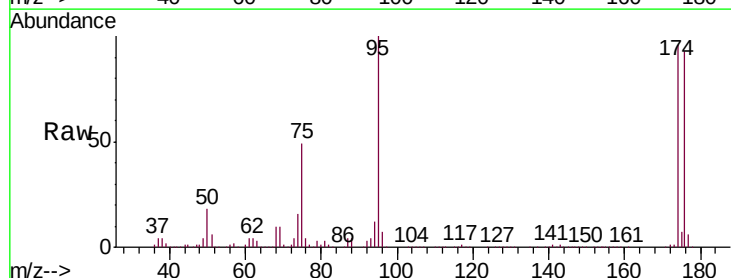
Instrument :
MSVOA_X
ClientSampleId :
BFB

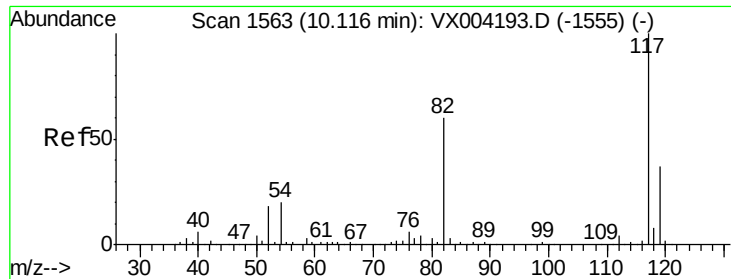
Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 52.1 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 43.825 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 95 Resp: 244778
Ion Ratio Lower Upper
95 100
174 93.0 0.0 185.2
176 88.8 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

BFB

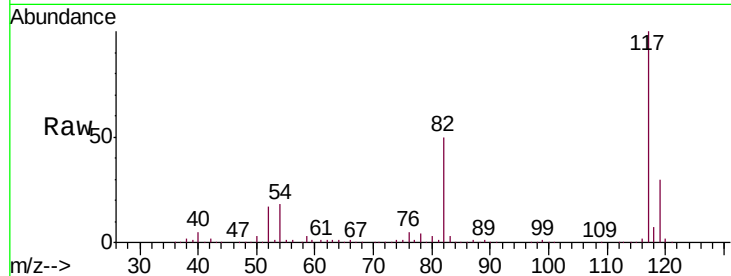
Tgt Ion:117 Resp: 481314

Ion Ratio Lower Upper

117 100

82 50.1 47.8 71.6

119 30.3 29.3 43.9

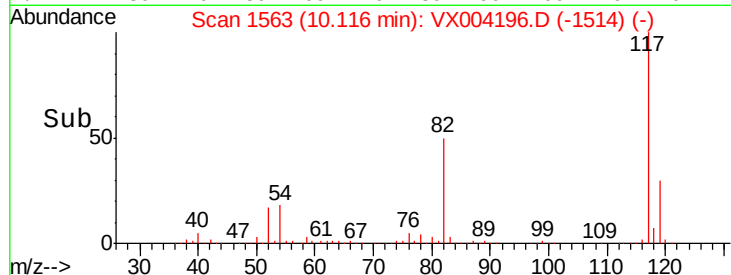


Abundance Ion 116.90 (116.60 to 117.60): V

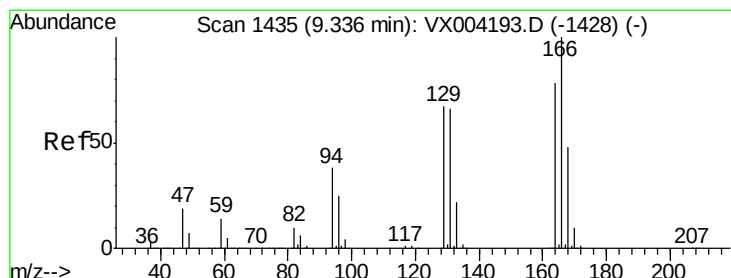
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 0.291 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Tgt Ion:164 Resp: 1382

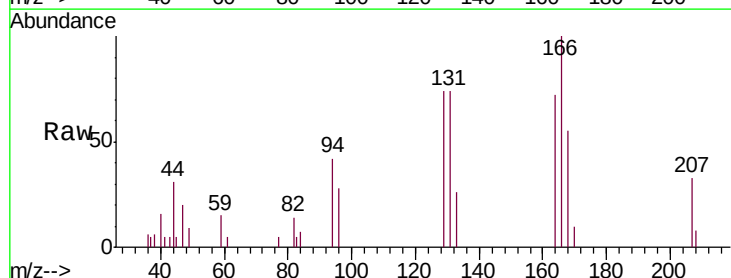
Ion Ratio Lower Upper

164 100

166 138.2 102.8 154.2

129 101.6 69.4 104.0

131 101.9 67.9 101.9#



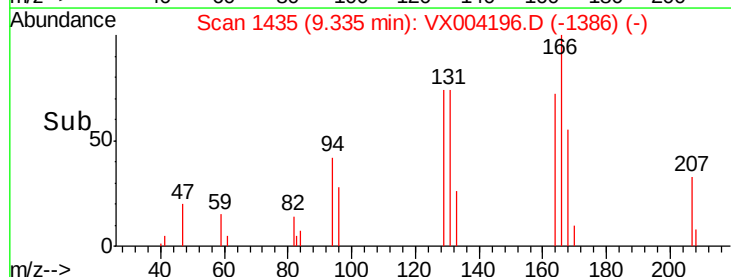
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

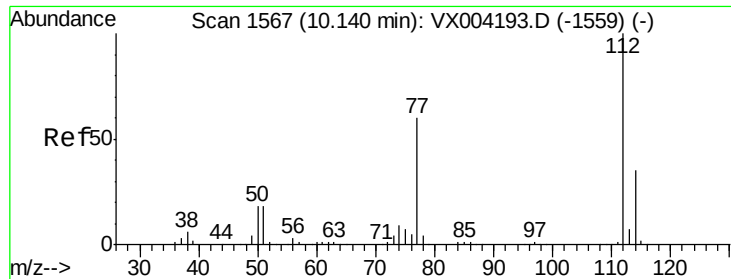
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



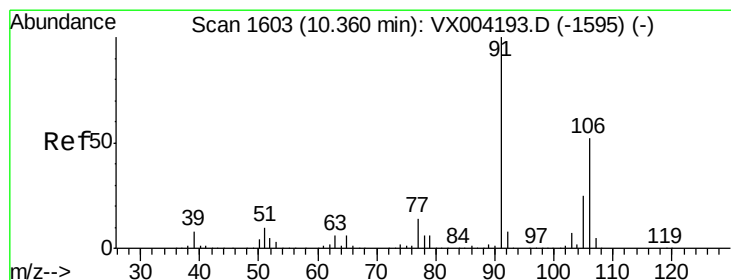
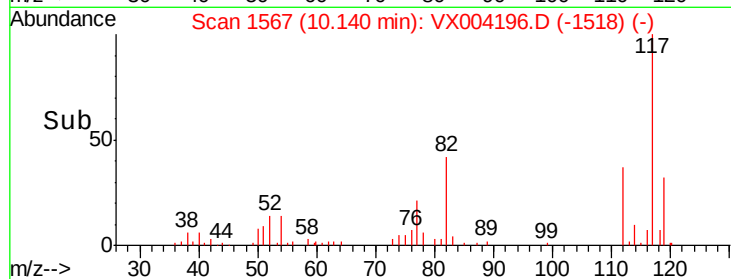
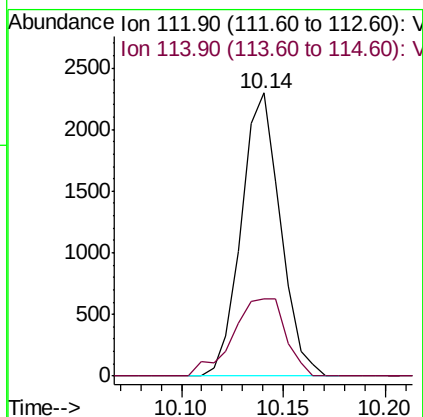
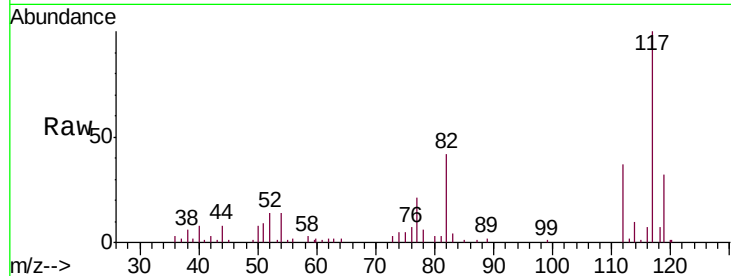
Time-->



#65
Chlorobenzene
Concen: 0.253 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

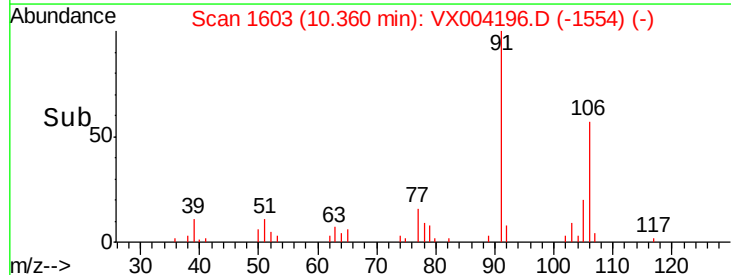
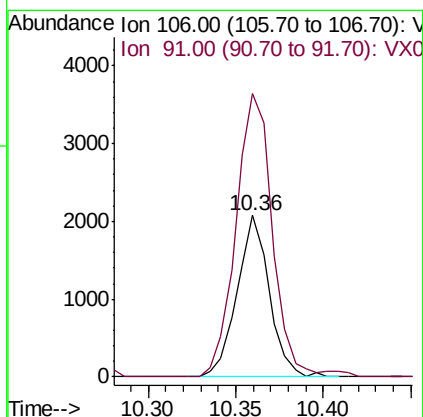
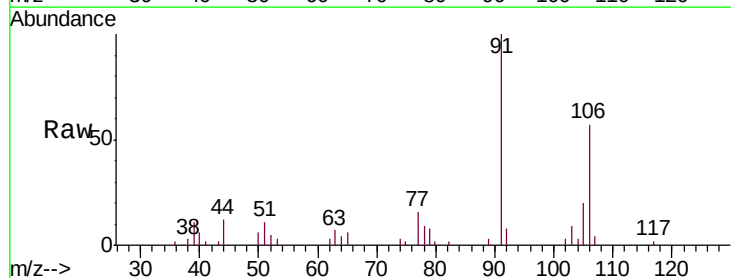
Instrument :
MSVOA_X
ClientSampled :
BFB

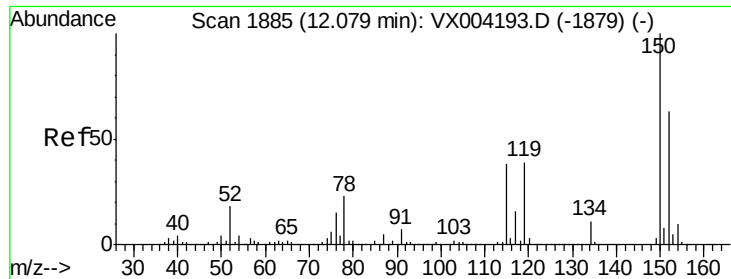
Tgt Ion:112 Resp: 3059
Ion Ratio Lower Upper
112 100
114 27.2 27.8 41.8#



#68
m/p-Xylenes
Concen: 0.346 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion:106 Resp: 2651
Ion Ratio Lower Upper
106 100
91 199.7 157.1 235.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

BFB

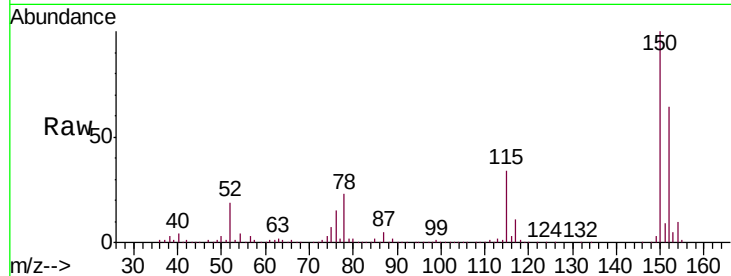
Tgt Ion:152 Resp: 270943

Ion Ratio Lower Upper

152 100

115 53.8 39.0 117.0

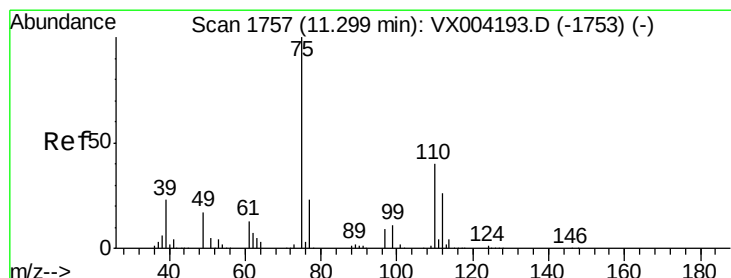
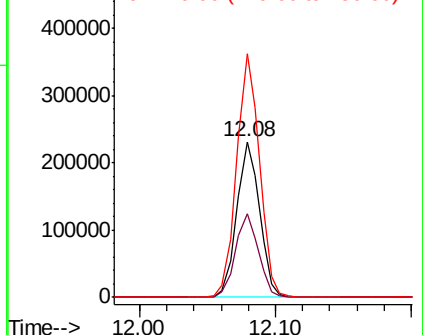
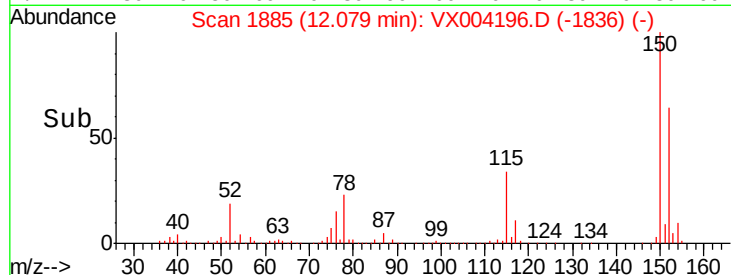
150 156.0 0.0 351.0



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



#76

1,2,3-Trichloropropane

Concen: 21.275 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004196.D

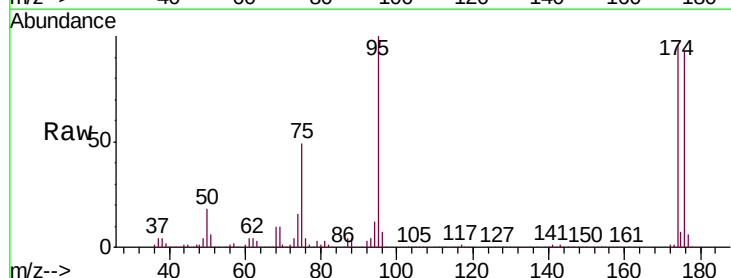
Acq: 22 Aug 2018 13:02

Tgt Ion: 75 Resp: 117237

Ion Ratio Lower Upper

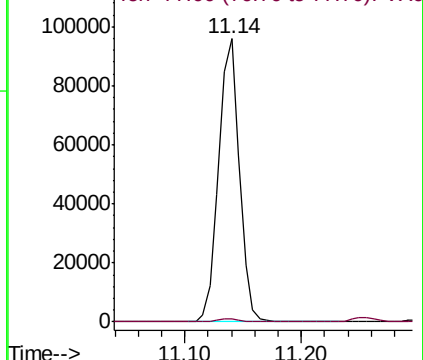
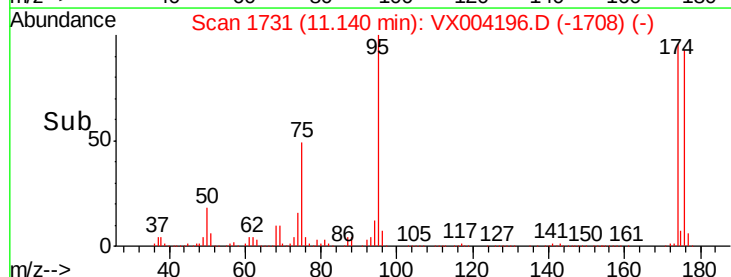
75 100

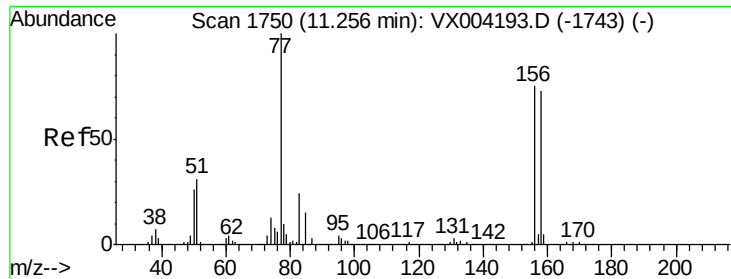
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

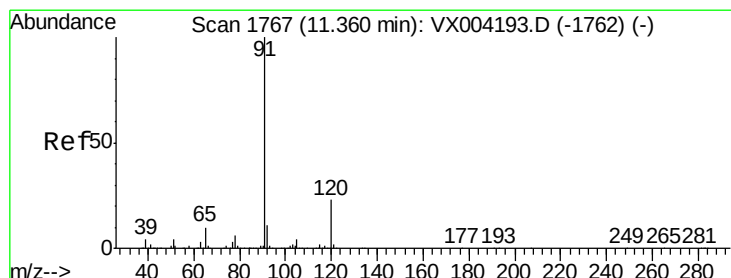
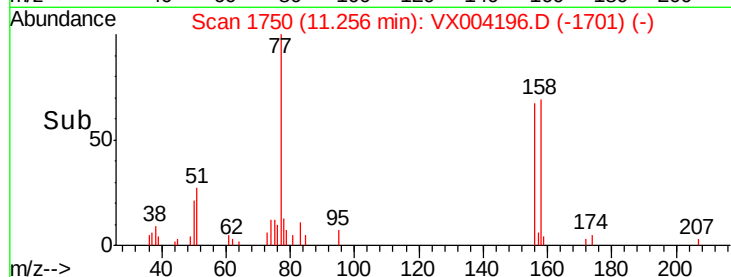
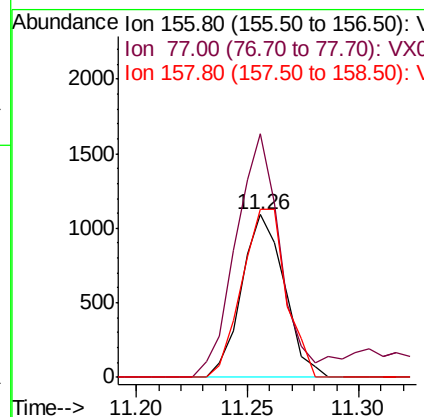
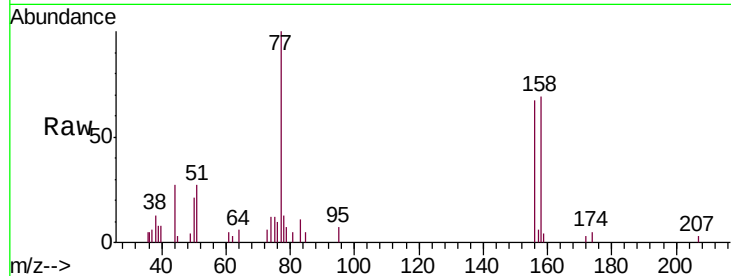




#77
Bromobenzene
Concen: 0.292 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

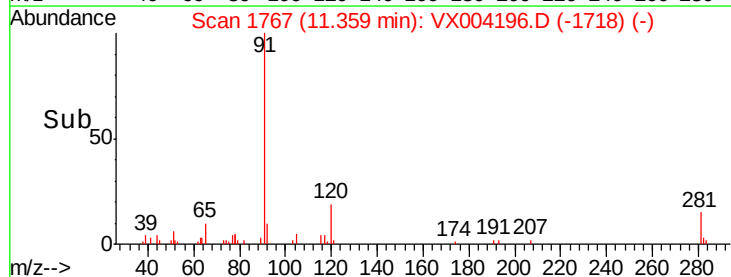
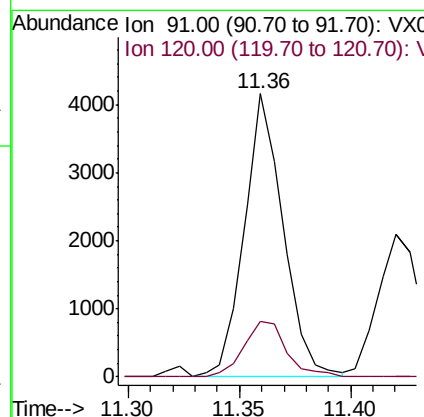
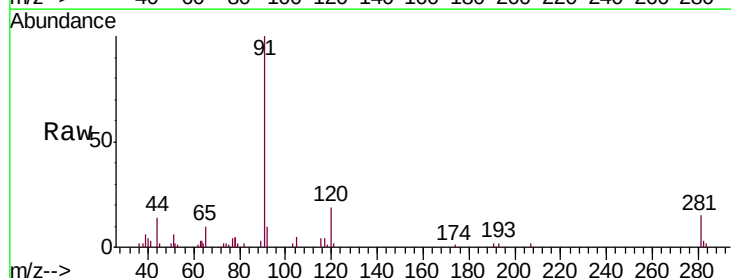
Instrument :
MSVOA_X
ClientSampleId :
BFB

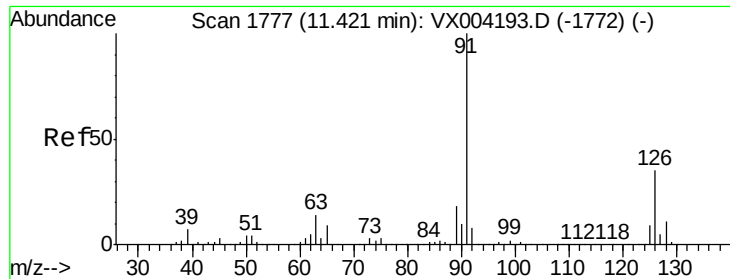
Tgt Ion:156 Resp: 1459
Ion Ratio Lower Upper
156 100
77 161.1 71.5 214.3
158 106.7 48.9 146.8



#78
n-propylbenzene
Concen: 0.248 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion: 91 Resp: 5083
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9

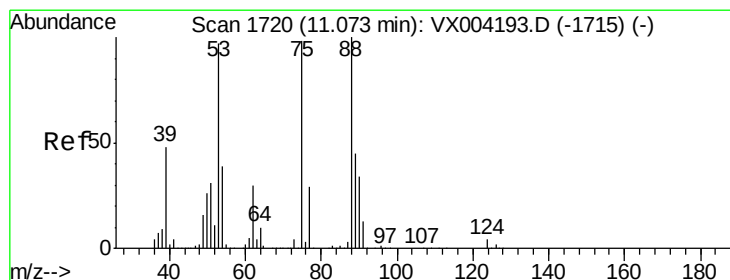
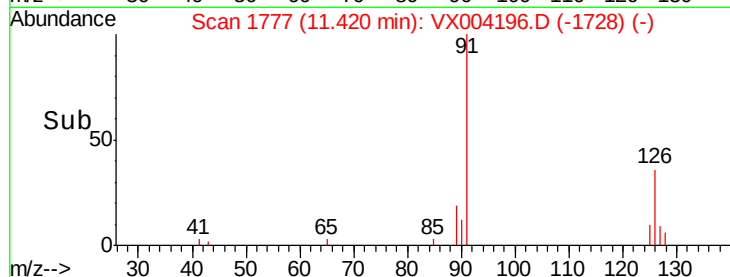
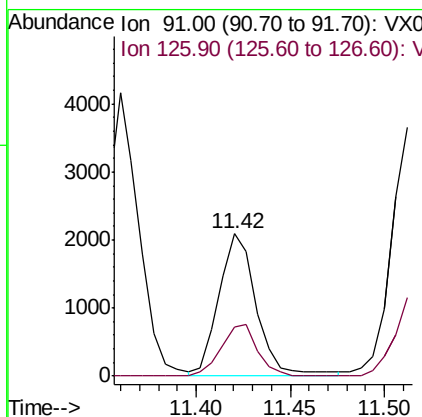
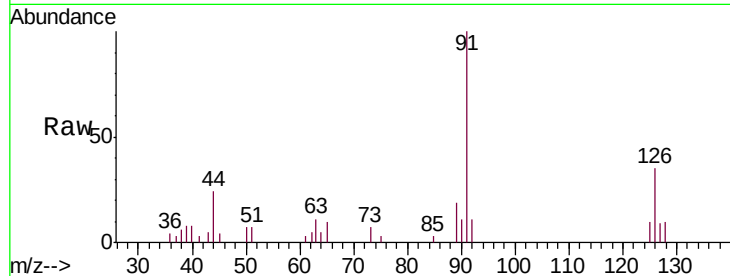




#79
 2-Chlorotoluene
 Concen: 0.231 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

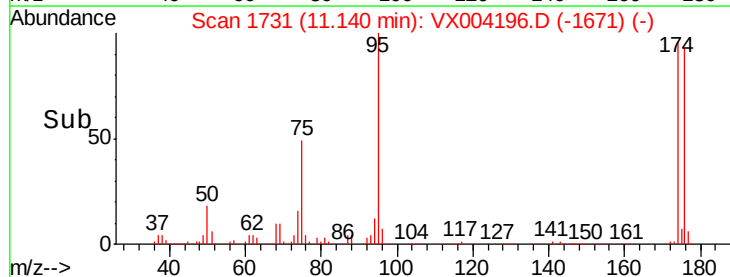
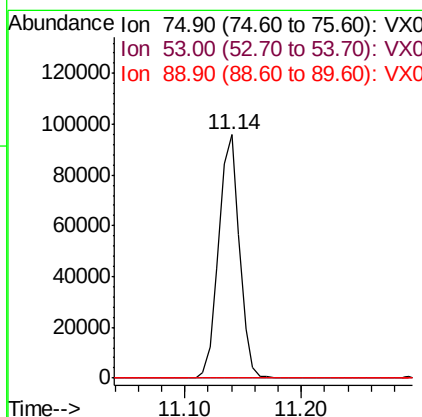
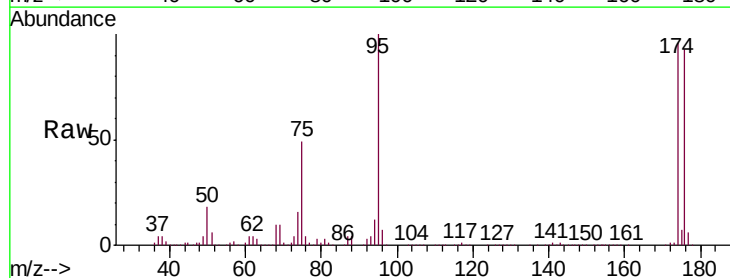
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

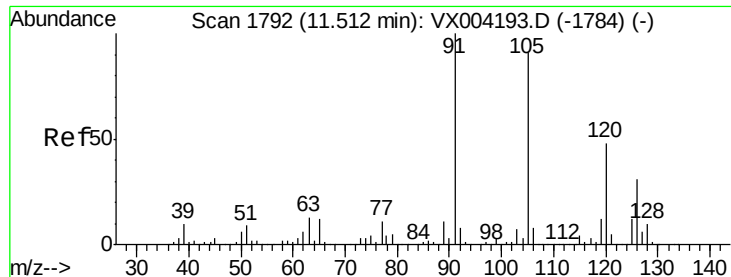
Tgt Ion: 91 Resp: 2913
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.029 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.07 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion: 75 Resp: 117237
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.322 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampled :

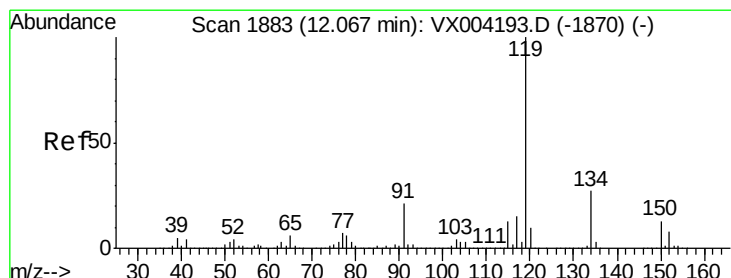
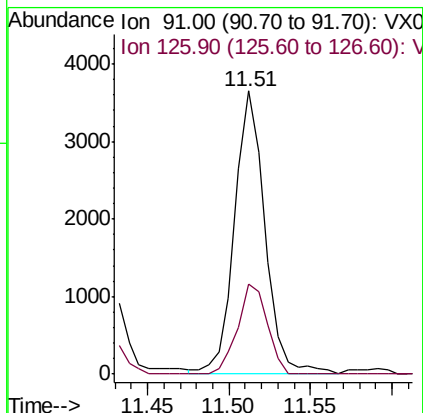
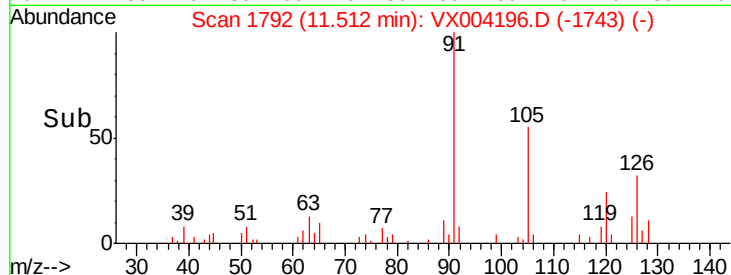
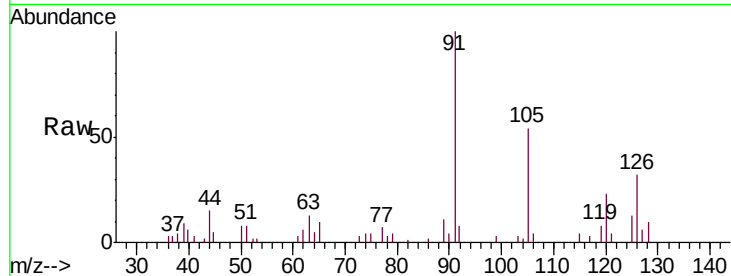
BFB

Tgt Ion: 91 Resp: 4767

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5



#86

p-Isopropyltoluene

Concen: 0.204 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

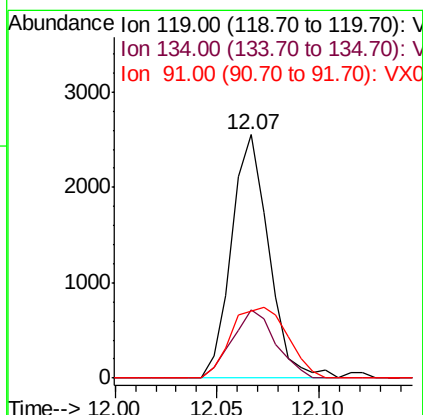
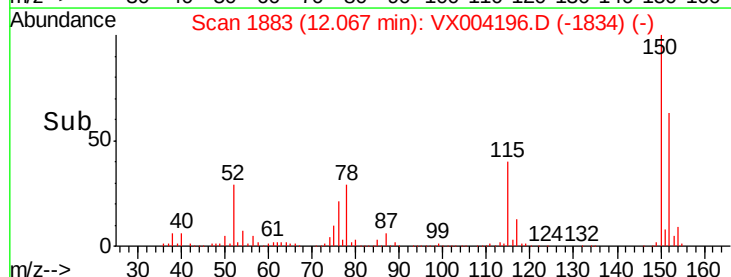
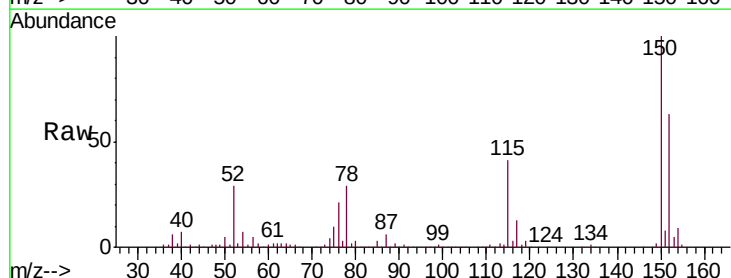
Tgt Ion: 119 Resp: 3223

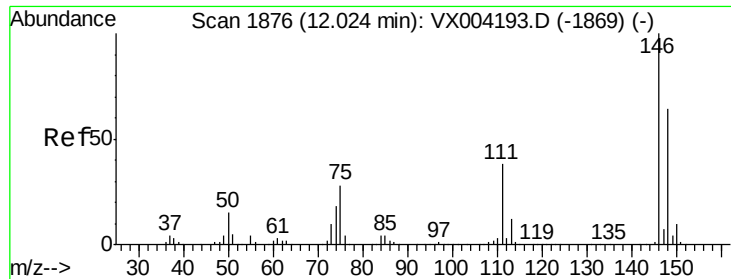
Ion Ratio Lower Upper

119 100

134 32.8 13.4 40.2

91 44.4 10.9 32.7#

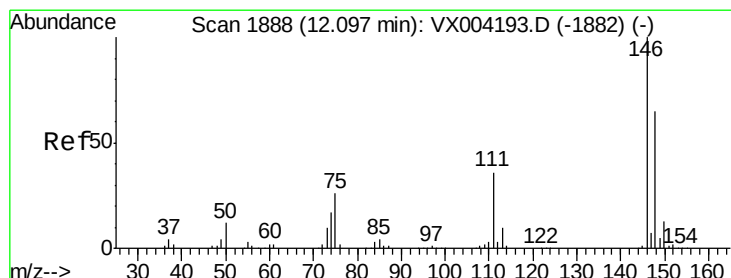
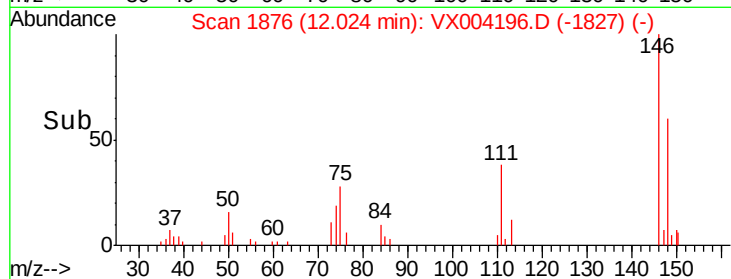
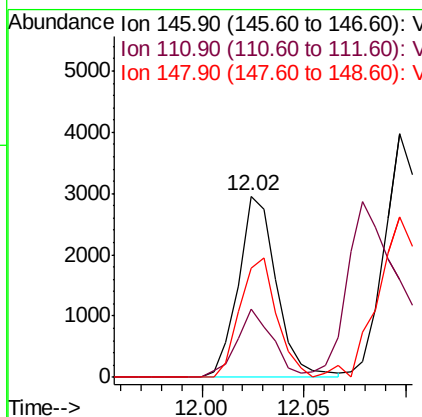
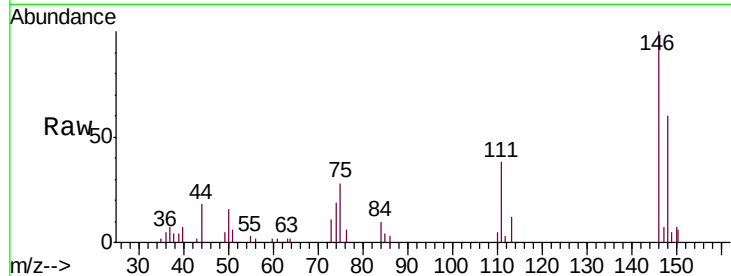




#87
 1,3-Dichlorobenzene
 Concen: 0.409 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

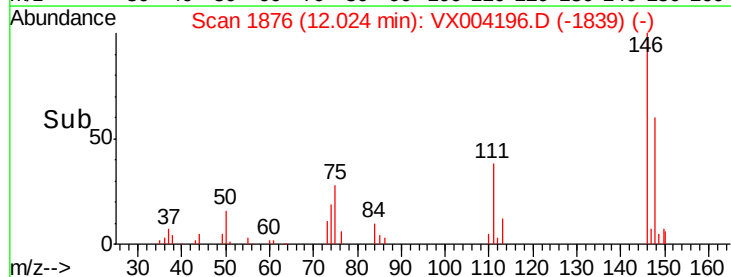
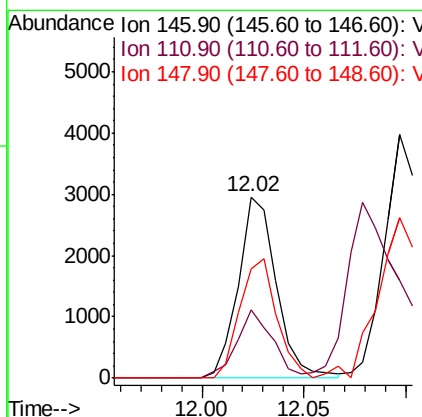
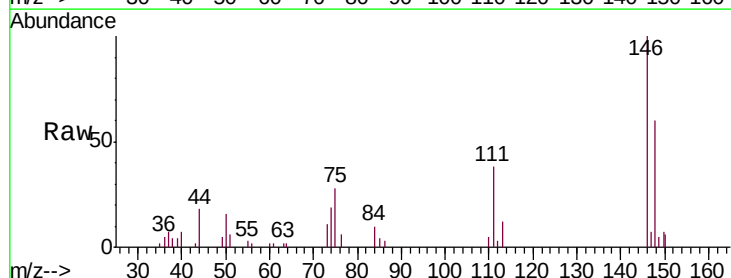
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

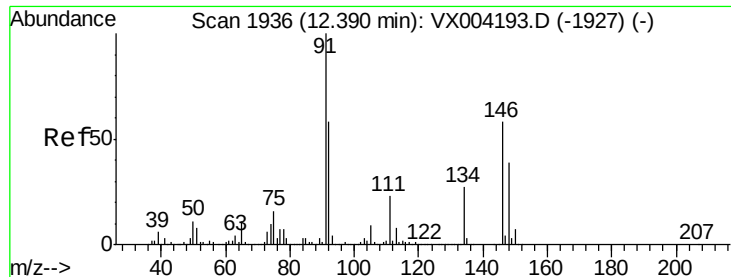
Tgt Ion:146 Resp: 3848
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.7 56.1
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.388 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.07 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion:146 Resp: 3848
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.1 54.1
 148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 0.321 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

BFB

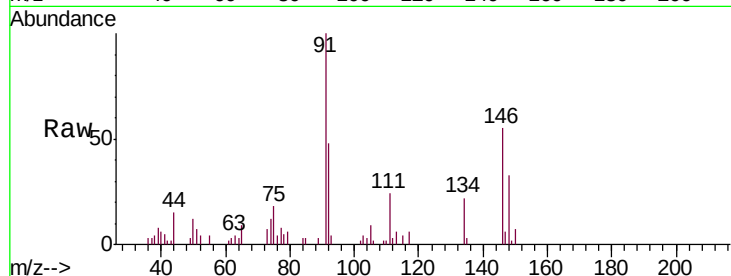
Tgt Ion: 91 Resp: 4122

Ion Ratio Lower Upper

91 100

92 48.0 27.3 81.9

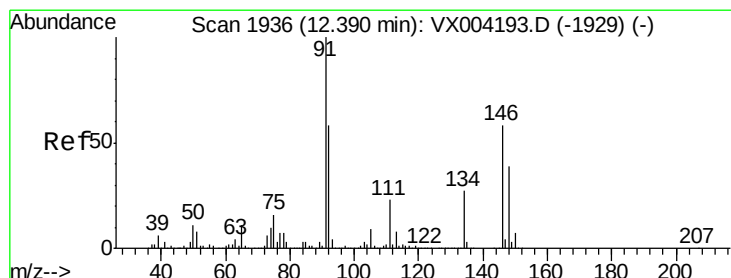
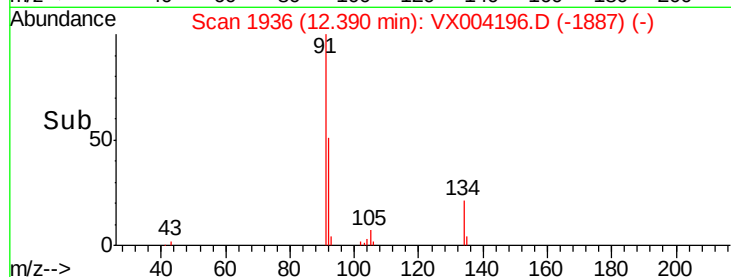
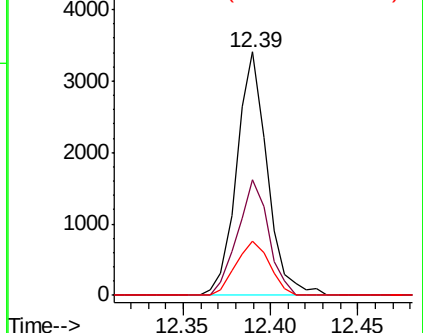
134 24.4 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1927) (-)

Ion 92.00 (91.70 to 92.70): VX004193.D (-1927) (-)

Ion 134.00 (133.70 to 134.70): VX004193.D (-1927) (-)



#91

1,2-Dichlorobenzene

Concen: 0.293 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004196.D

Acq: 22 Aug 2018 13:02

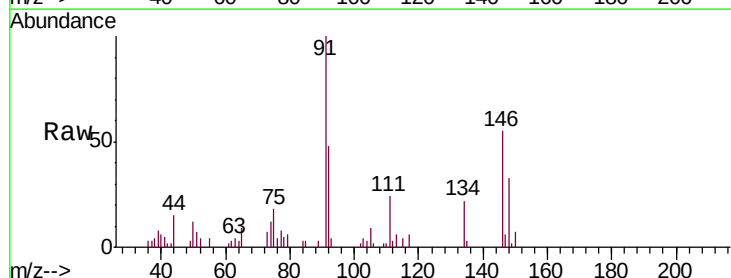
Tgt Ion: 146 Resp: 2519

Ion Ratio Lower Upper

146 100

111 41.4 19.4 58.1

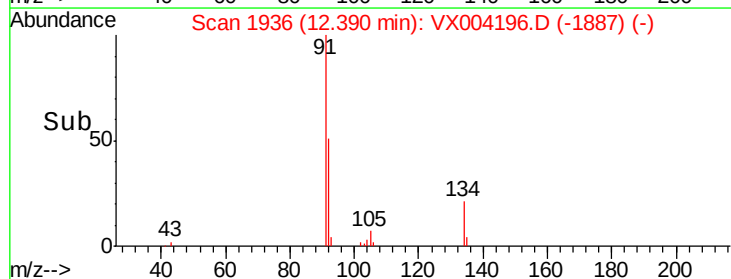
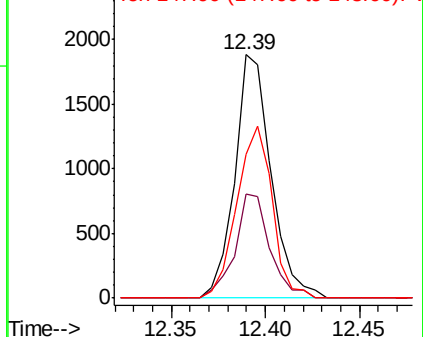
148 68.8 32.8 98.3

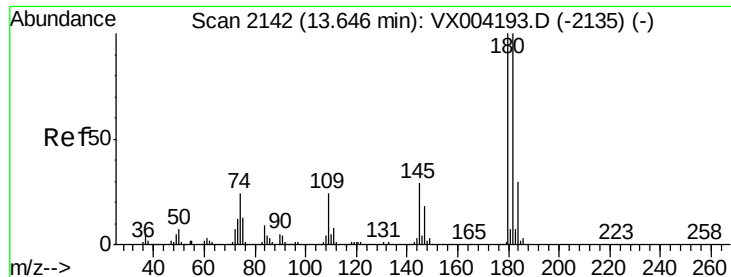


Abundance Ion 145.90 (145.60 to 146.60): VX004193.D (-1929) (-)

Ion 110.90 (110.60 to 111.60): VX004193.D (-1929) (-)

Ion 147.90 (147.60 to 148.60): VX004193.D (-1929) (-)

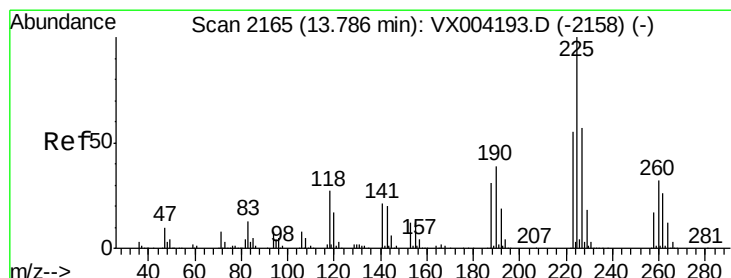
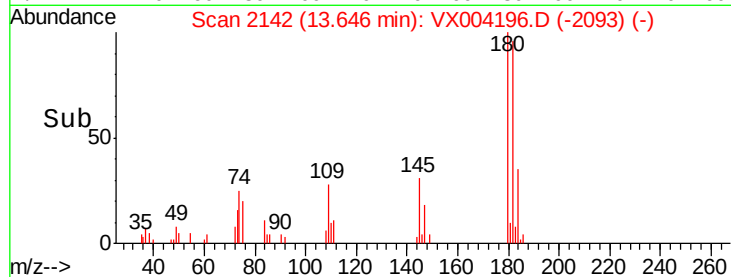
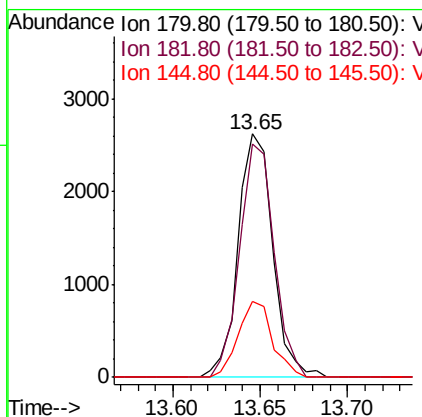
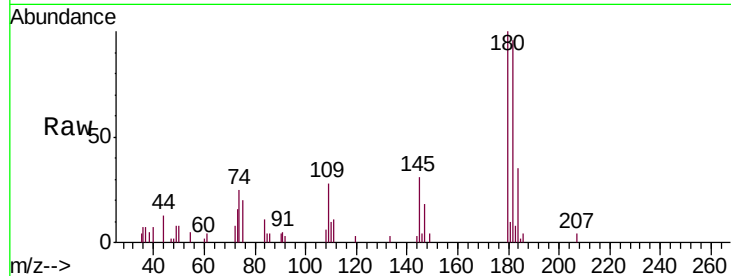




#93
 1,2,4-Trichlorobenzene
 Concen: 0.579 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

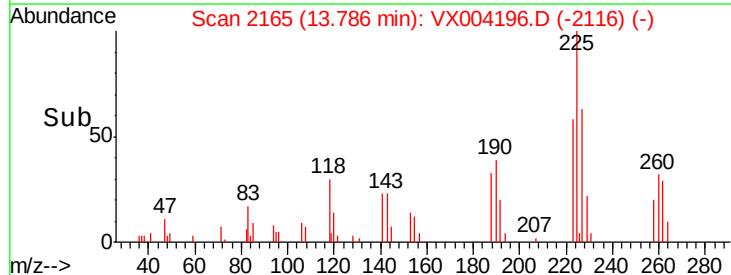
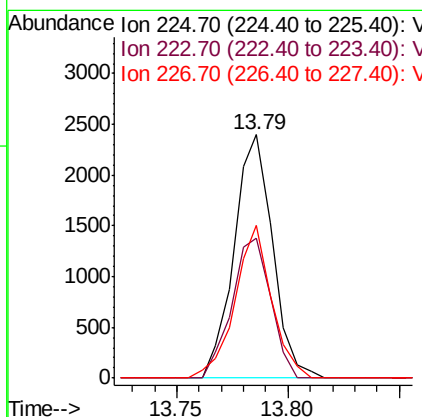
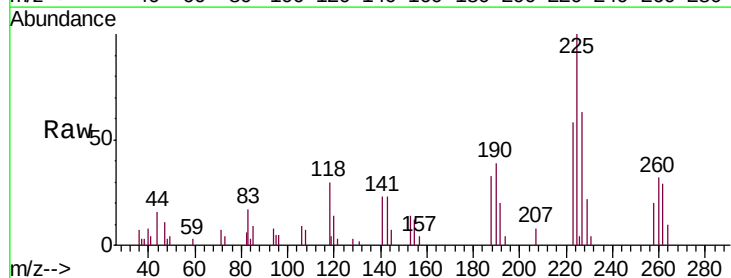
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

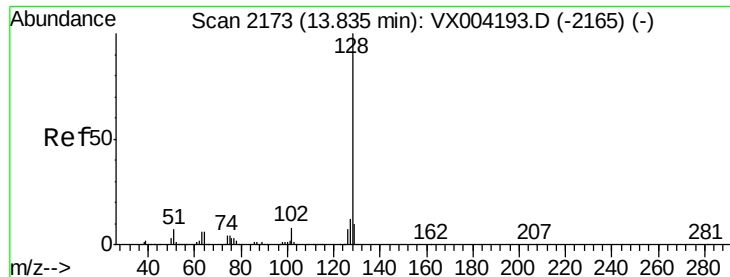
Tgt Ion:180 Resp: 3616
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.0
 145 30.8 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 0.857 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004196.D
 Acq: 22 Aug 2018 13:02

Tgt Ion:225 Resp: 2889
 Ion Ratio Lower Upper
 225 100
 223 58.2 30.1 90.5
 227 59.7 30.8 92.4

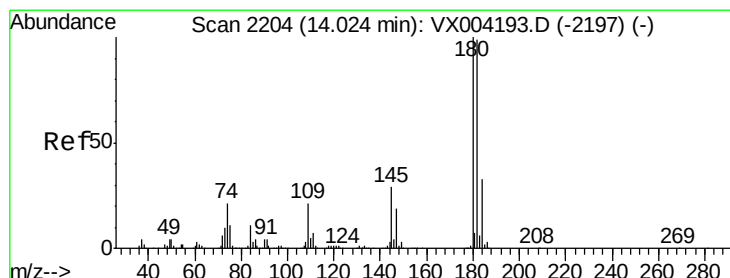
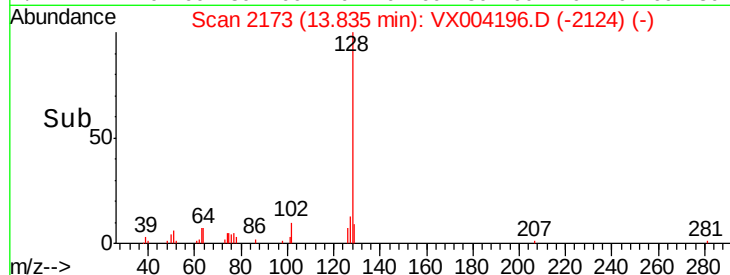
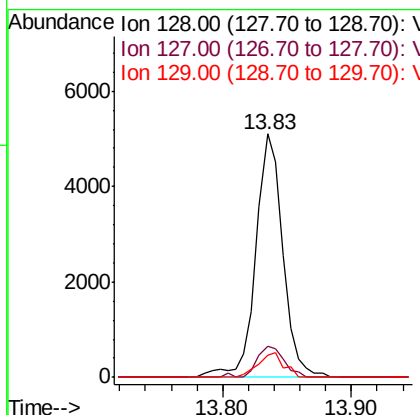
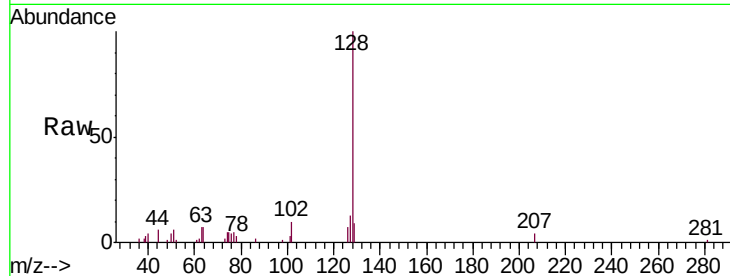




#95
Naphthalene
Concen: 0.417 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 7371
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 9.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.565 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004196.D
Acq: 22 Aug 2018 13:02

Tgt Ion:180 Resp: 3741
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.6
145 31.7 14.9 44.9

