

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032119\
 Data File : VX008306.D
 Acq On : 21 Mar 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 22 10:08:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125772	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	
35) Dibromofluoromethane	5.50	113	101219	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
50) Toluene-d8	8.71	98	434790	57.97	ug/l	0.00
Spiked Amount			Recovery	=	115.94%	
62) 4-Bromofluorobenzene	11.13	95	165231	63.99	ug/l	0.00
Spiked Amount			Recovery	=	127.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93619	41.503	ug/l	98
3) Chloromethane	1.33	50	85651	30.261	ug/l	98
4) Vinyl Chloride	1.41	62	99568	35.282	ug/l	99
5) Bromomethane	1.64	94	173754	72.279	ug/l	98
6) Chloroethane	1.72	64	65681	37.120	ug/l	93
7) Trichlorofluoromethane	1.93	101	151444	42.050	ug/l	98
8) Diethyl Ether	2.19	74	81316	43.884	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98256	41.091	ug/l	98
10) Methyl Iodide	2.51	142	144810	47.562	ug/l	98
11) Tert butyl alcohol	3.06	59	110973	184.996	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95329	42.228	ug/l	96
13) Acrolein	2.30	56	112192	266.301	ug/l	99
14) Allyl chloride	2.73	41	164723	33.519	ug/l #	87
15) Acrylonitrile	3.15	53	289108	182.212	ug/l	99
16) Acetone	2.45	43	254347	160.040	ug/l	98
17) Carbon Disulfide	2.57	76	268459	36.615	ug/l	100
18) Methyl Acetate	2.78	43	143275	38.941	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	327405	40.111	ug/l	99
20) Methylene Chloride	2.86	84	102205	38.566	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96449	39.548	ug/l	99
22) Diisopropyl ether	3.87	45	467983	48.623	ug/l	96
23) Vinyl Acetate	3.82	43	1929151	233.789	ug/l	98
24) 1,1-Dichloroethane	3.70	63	185528	37.479	ug/l	99
25) 2-Butanone	4.67	43	487042	207.607	ug/l	91
26) 2,2-Dichloropropane	4.59	77	133412	35.776	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	120833	43.462	ug/l	98
28) Bromochloromethane	5.01	49	91724	41.265	ug/l	93
29) Tetrahydrofuran	5.13	42	345625	235.673	ug/l	98
30) Chloroform	5.21	83	231647	50.027	ug/l	97
31) Cyclohexane	5.57	56	199446	42.907	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	188775	49.009	ug/l	97
36) 1,1-Dichloropropene	5.80	75	166921	48.519	ug/l	98
37) Ethyl Acetate	4.83	43	196355	48.282	ug/l	98
38) Carbon Tetrachloride	5.79	117	167173	54.536	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	196252	47.403	ug/l	94
40) Benzene	6.15	78	497120	48.820	ug/l	98
41) Methacrylonitrile	5.04	41	52407	22.973	ug/l #	37
42) 1,2-Dichloroethane	6.19	62	191801	51.418	ug/l	95
43) Isopropyl Acetate	6.45	43	320102	49.105	ug/l	98
44) Trichloroethene	7.21	130	129195	51.890	ug/l	88
45) 1,2-Dichloropropane	7.51	63	135892	47.673	ug/l	98
46) Dibromomethane	7.66	93	87139	50.489	ug/l	92
47) Bromodichloromethane	7.90	83	187645	57.049	ug/l #	97
48) Methyl methacrylate	7.77	41	172433	49.749	ug/l #	93
49) 1,4-Dioxane	7.74	88	63428	1037.006	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1178352	279.610	ug/l	99
52) Toluene	8.79	92	355661	58.875	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	214916	52.113	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	220515	54.020	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	153513	62.896	ug/l	99
56) Ethyl methacrylate	9.18	69	237193	55.346	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	253406	58.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	522506	261.281	ug/l	97
59) 2-Hexanone	9.49	43	966373	297.852	ug/l	97
60) Dibromochloromethane	9.58	129	161588	68.888	ug/l	99
61) 1,2-Dibromoethane	9.67	107	162251	63.664	ug/l	99
64) Tetrachloroethene	9.34	164	137915	50.501	ug/l	95
65) Chlorobenzene	10.14	112	393656	52.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	143032	55.078	ug/l	98
67) Ethyl Benzene	10.25	91	680416	51.840	ug/l	98
68) m/p-Xylenes	10.36	106	531713	110.280	ug/l	96
69) o-Xylene	10.70	106	262500	56.029	ug/l	97
70) Styrene	10.71	104	421946	55.417	ug/l	95
71) Bromoform	10.85	173	123212	54.842	ug/l #	99
73) Isopropylbenzene	11.02	105	710951	51.271	ug/l	99
74) N-amyl acetate	10.90	43	351812	48.425	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	250983	50.476	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	292830	66.925	ug/l	90
77) Bromobenzene	11.26	156	173645	51.793	ug/l	89
78) n-propylbenzene	11.36	91	818495	50.821	ug/l	97
79) 2-Chlorotoluene	11.42	91	481603	49.821	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	593907	51.842	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	72484	42.454	ug/l	90
82) 4-Chlorotoluene	11.51	91	567663	50.465	ug/l	96
83) tert-Butylbenzene	11.77	119	570034	52.118	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	602948	51.916	ug/l	98
85) sec-Butylbenzene	11.94	105	699038	51.610	ug/l	97
86) p-Isopropyltoluene	12.06	119	615106	52.464	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	307555	51.330	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	309819	49.989	ug/l	98
89) n-Butylbenzene	12.39	91	564240	51.275	ug/l	97
90) Hexachloroethane	12.60	117	109577	54.877	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	313577	51.904	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57705	52.251	ug/l	81

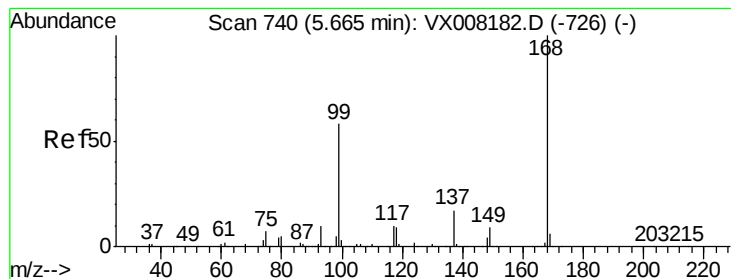
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	209459	52.636	ug/l	99
94) Hexachlorobutadiene	13.78	225	105233	54.222	ug/l	99
95) Naphthalene	13.83	128	695595	55.383	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	211969	54.134	ug/l	98

(#) = 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. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

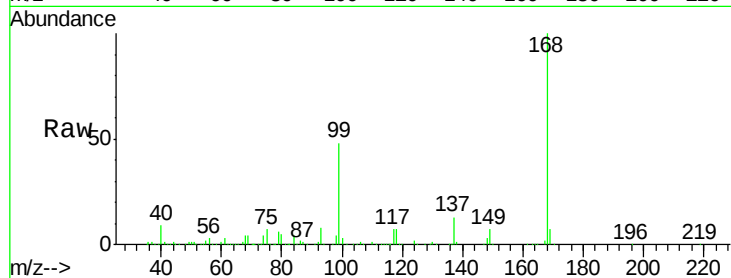
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Tot Ion:168 Resp: 186054

Ion Ratio Lower Upper

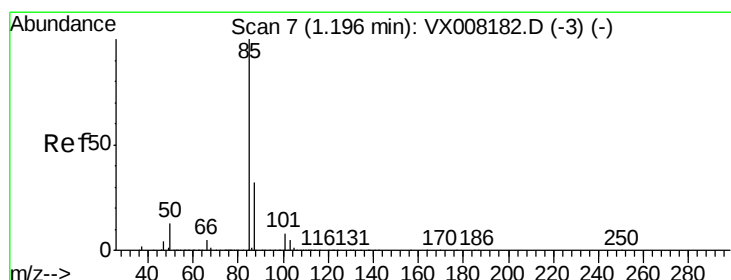
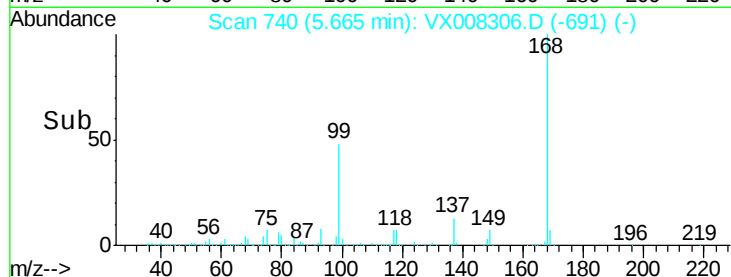
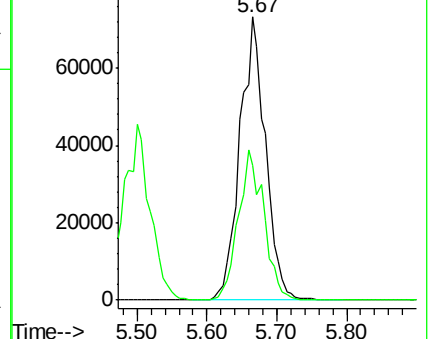
168 100

99 47.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.503 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008306.D

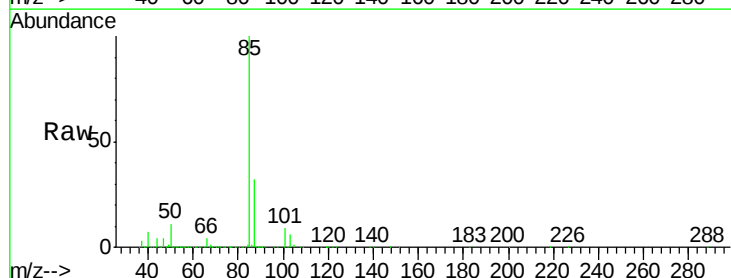
Acq: 21 Mar 2019 22:01

Tgt Ion: 85 Resp: 93619

Ion Ratio Lower Upper

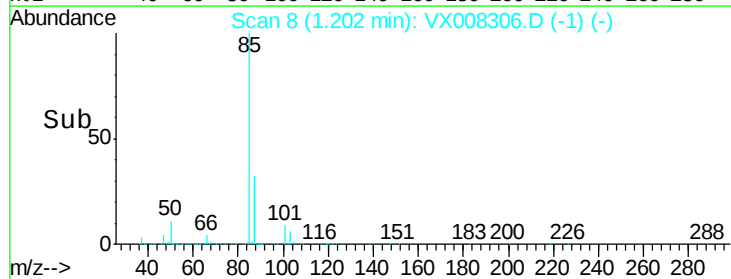
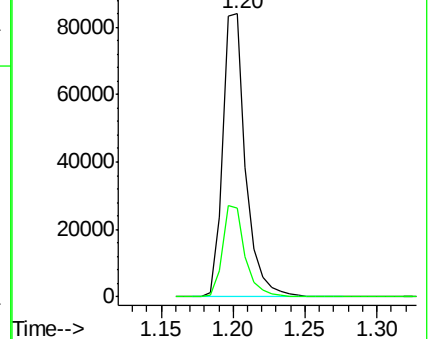
85 100

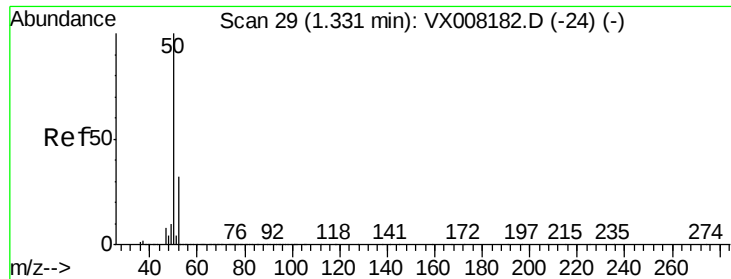
87 31.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 30.261 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

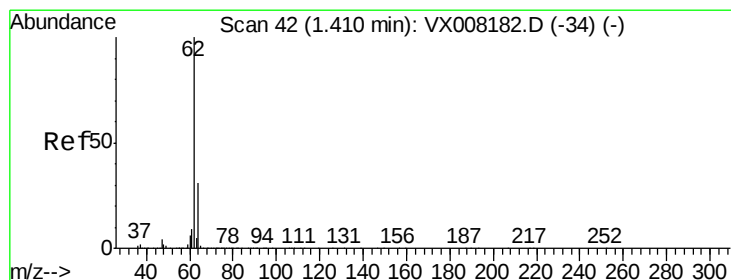
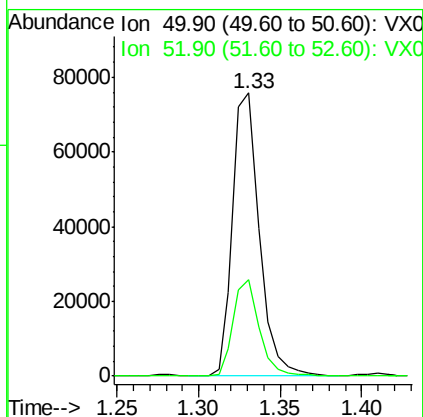
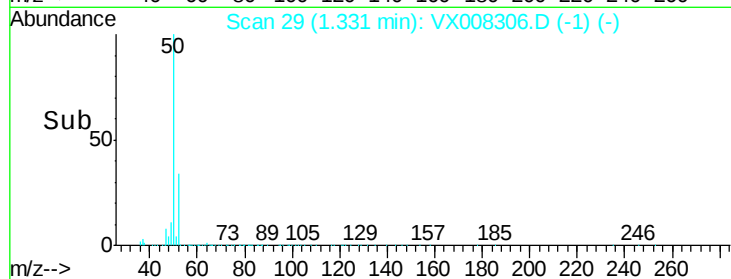
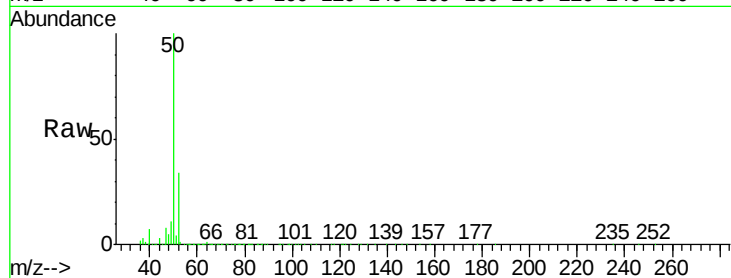
BFB

Tot Ion: 50 Resp: 85651

Ion Ratio Lower Upper

50 100

52 34.0 26.5 39.7



#4

Vinyl Chloride

Concen: 35.282 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008306.D

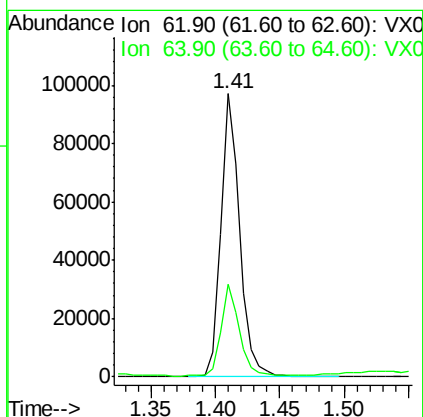
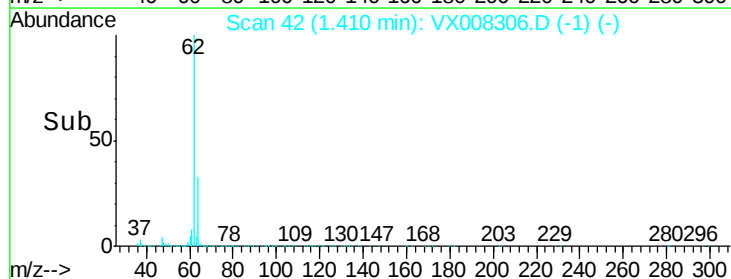
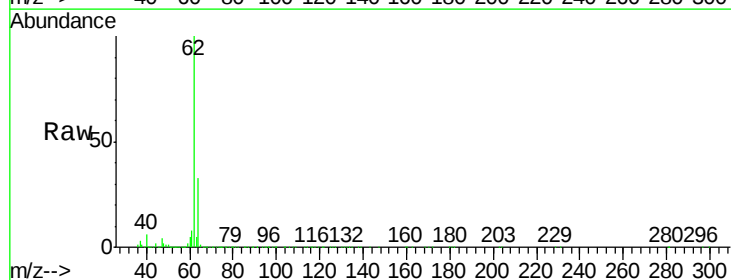
Acq: 21 Mar 2019 22:01

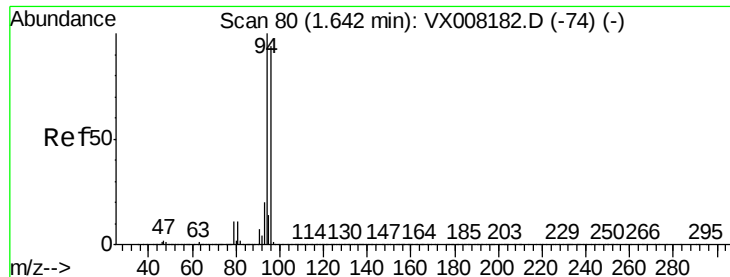
Tgt Ion: 62 Resp: 99568

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 72.279 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

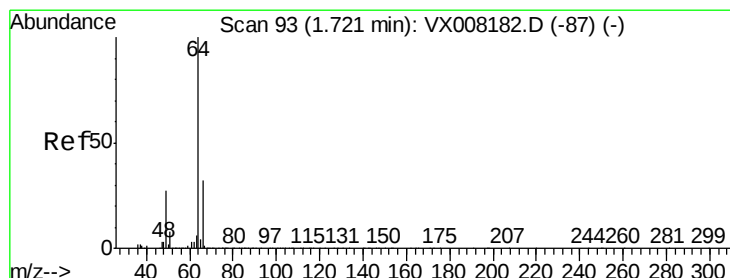
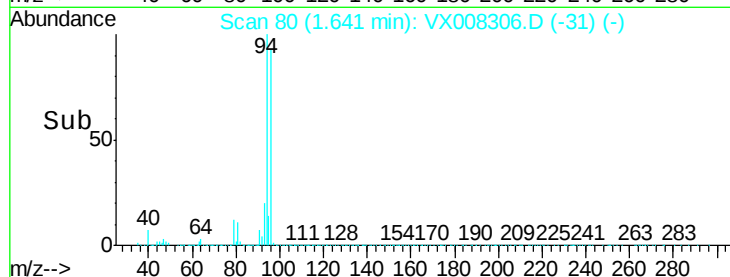
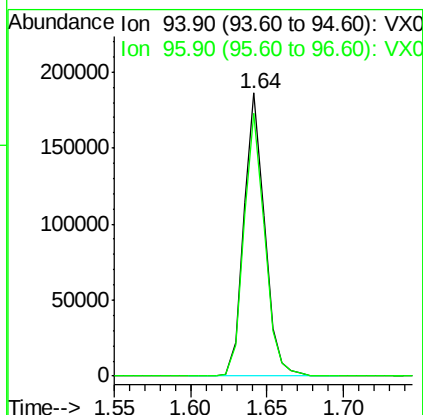
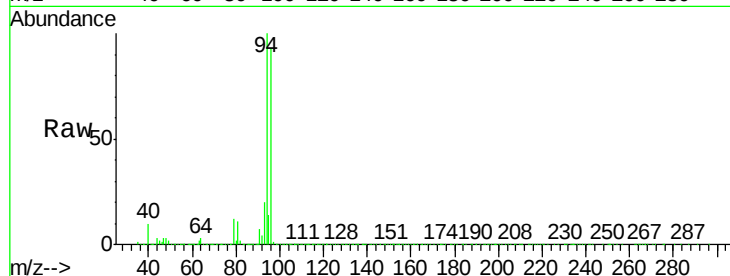
BFB

Tot Ion: 94 Resp: 173754

Ion Ratio Lower Upper

94 100

96 92.8 75.5 113.3



#6

Chloroethane

Concen: 37.120 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008306.D

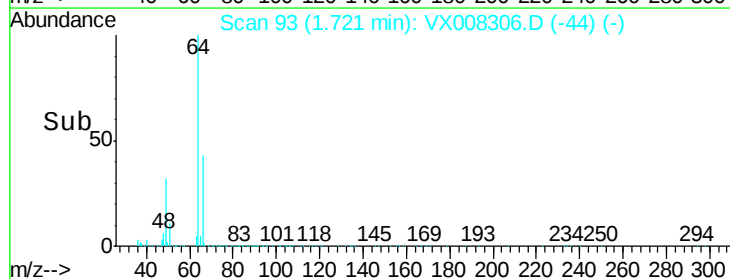
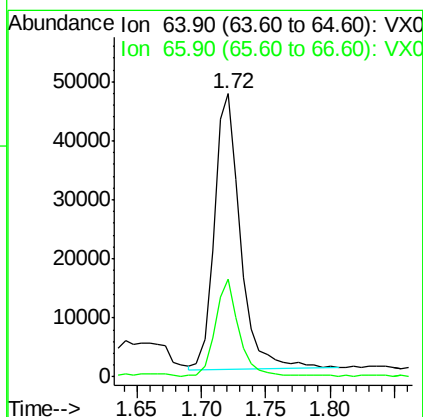
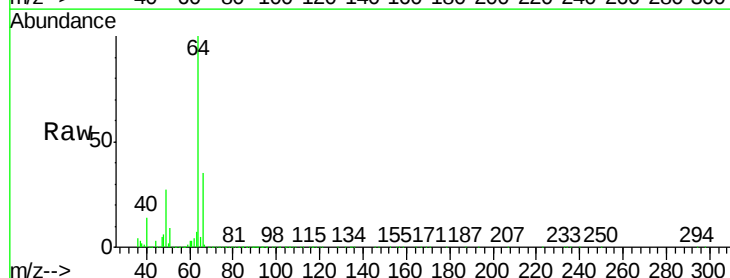
Acq: 21 Mar 2019 22:01

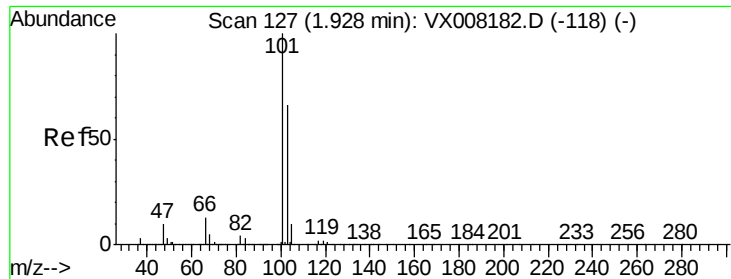
Tgt Ion: 64 Resp: 65681

Ion Ratio Lower Upper

64 100

66 35.4 25.2 37.8



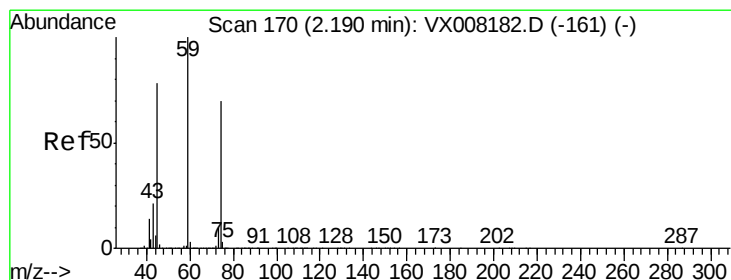
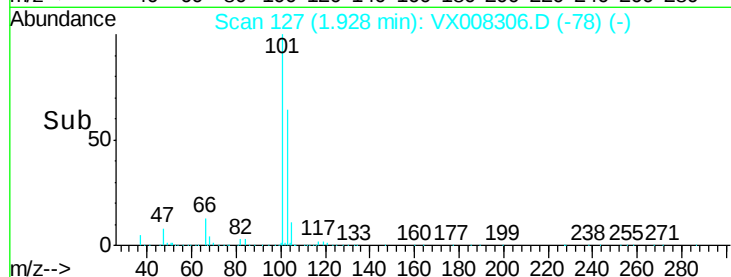
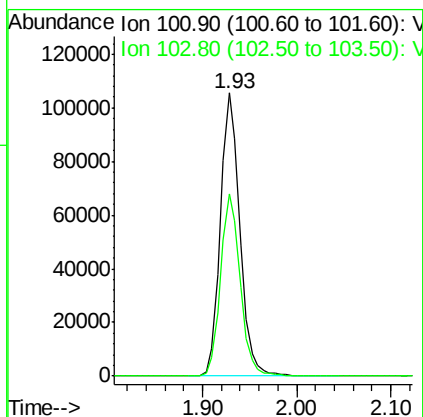
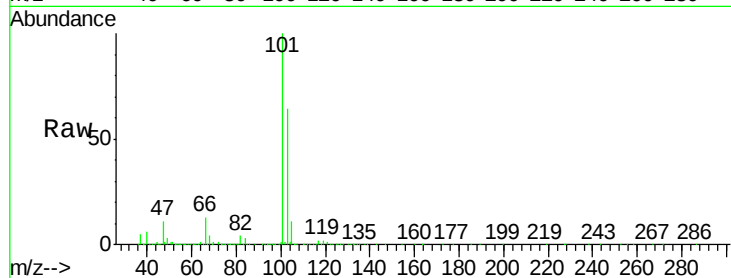


#7

Trichlorofluoromethane
Concen: 42.050 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Instrument :
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ClientSampleId :
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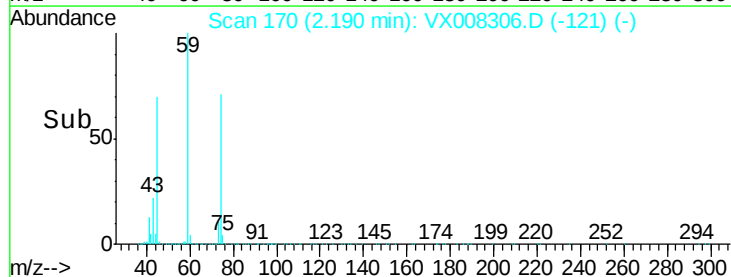
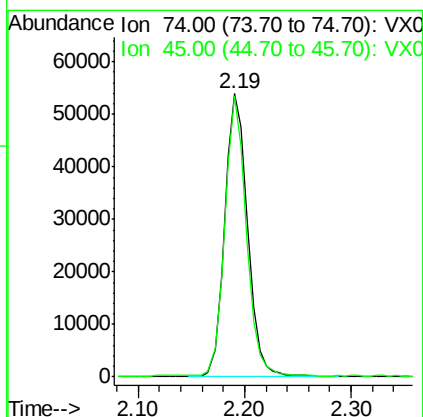
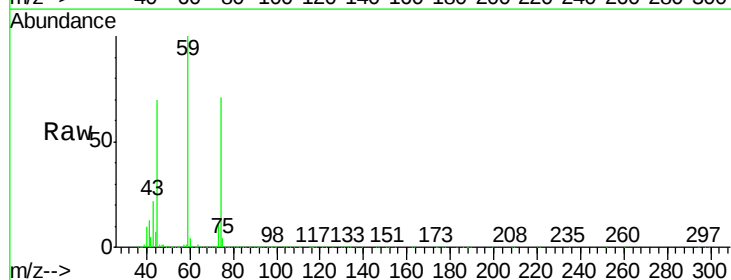
Tot Ion:101 Resp: 151444
Ion Ratio Lower Upper
101 100
103 64.3 50.4 75.6

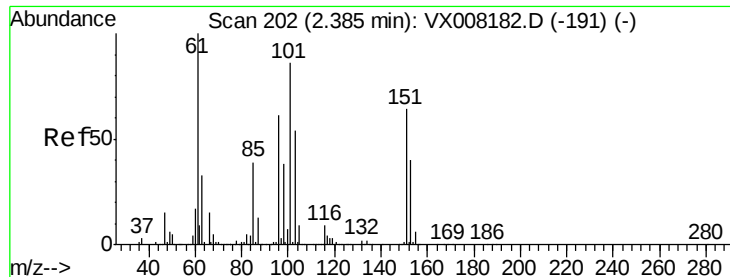


#8

Diethyl Ether
Concen: 43.884 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 74 Resp: 81316
Ion Ratio Lower Upper
74 100
45 93.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.091 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

BFB

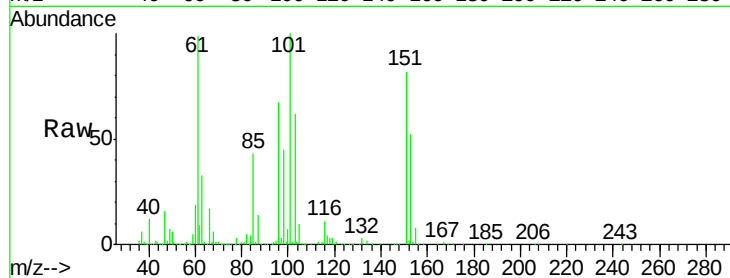
Tot Ion:101 Resp: 98256

Ion Ratio Lower Upper

101 100

85 44.7 33.8 50.6

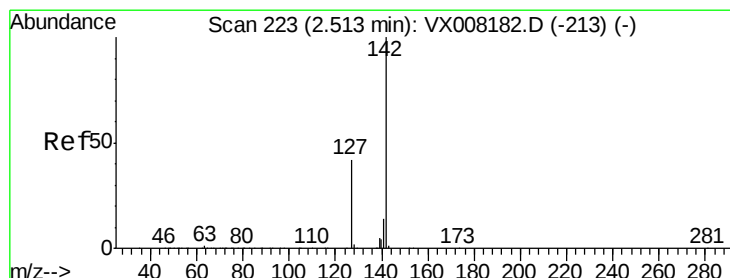
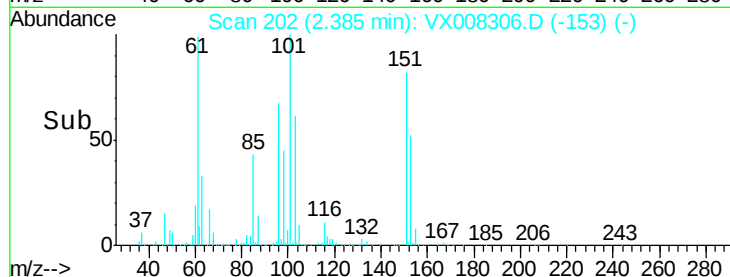
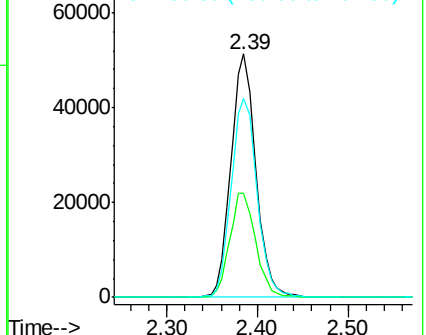
151 85.0 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.562 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

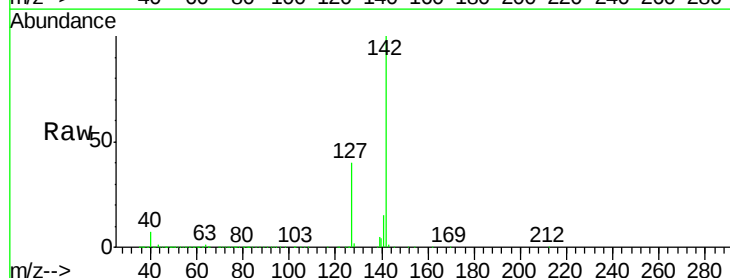
Tgt Ion:142 Resp: 144810

Ion Ratio Lower Upper

142 100

127 41.5 32.1 48.1

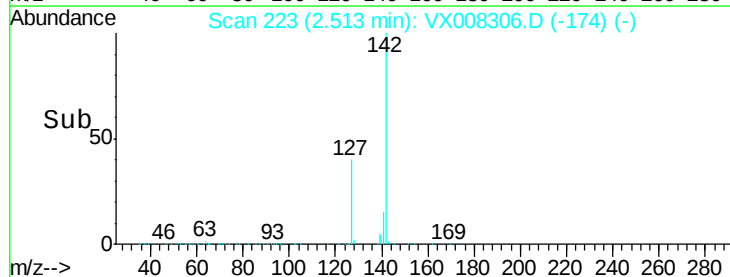
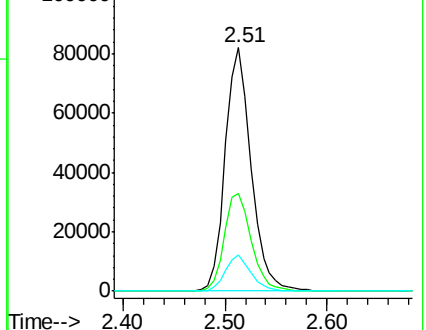
141 14.7 11.4 17.2

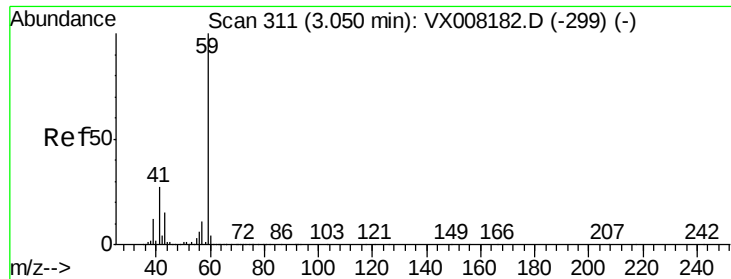


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

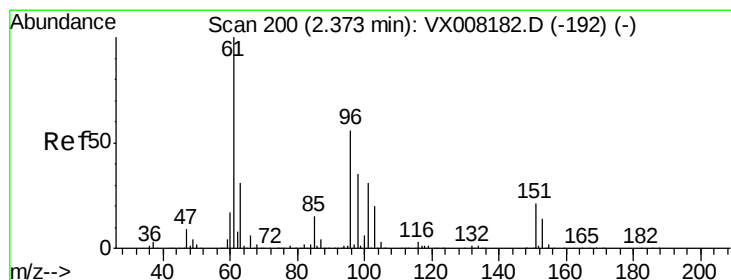
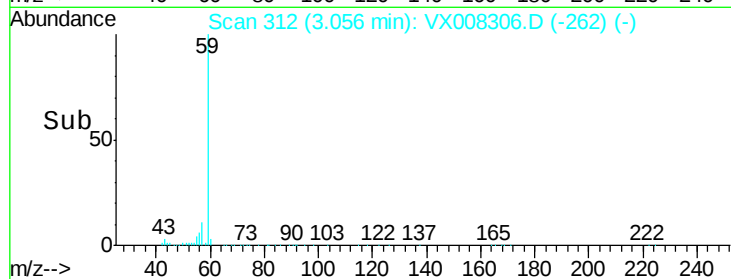
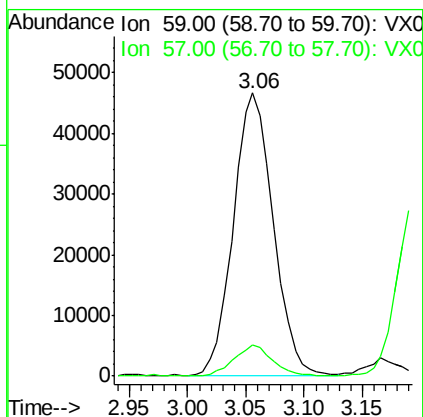
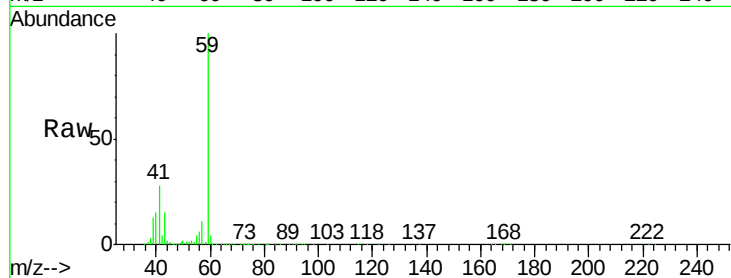




#11
Tert butyl alcohol
Concen: 184.996 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

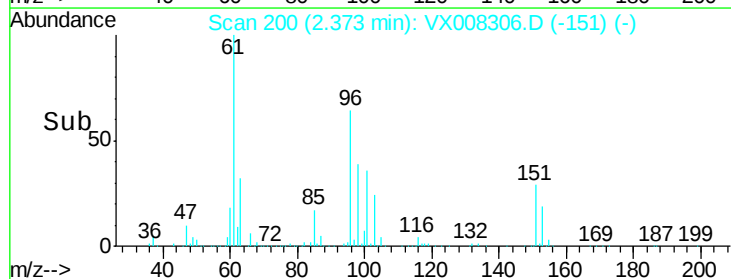
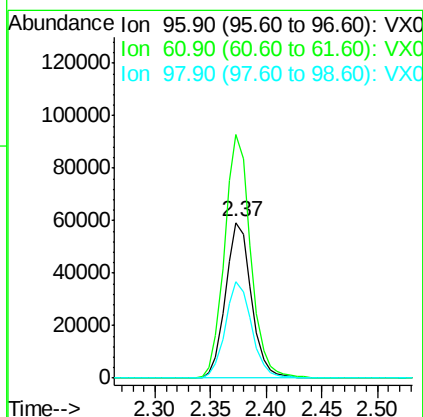
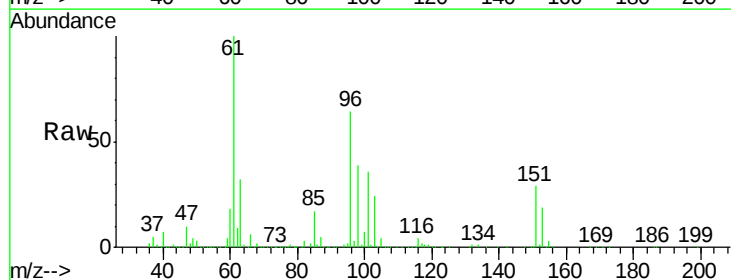
Instrument :
MSVOA_X
ClientSampled :
BFB

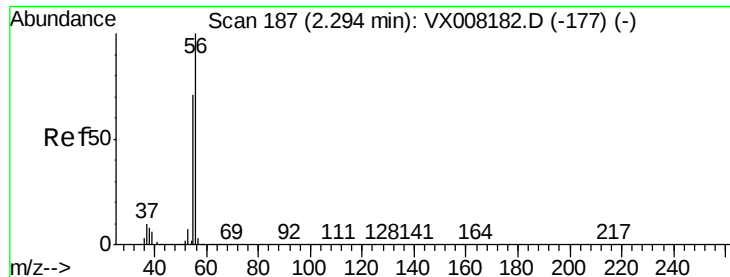
Tot Ion: 59 Resp: 110973
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 42.228 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 96 Resp: 95329
Ion Ratio Lower Upper
96 100
61 156.4 129.8 194.6
98 61.8 51.0 76.6





#13

Acrolein

Concen: 266.301 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

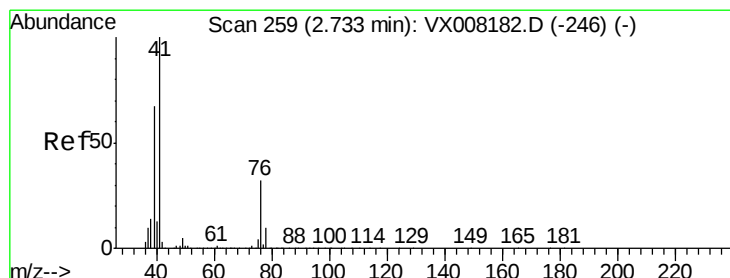
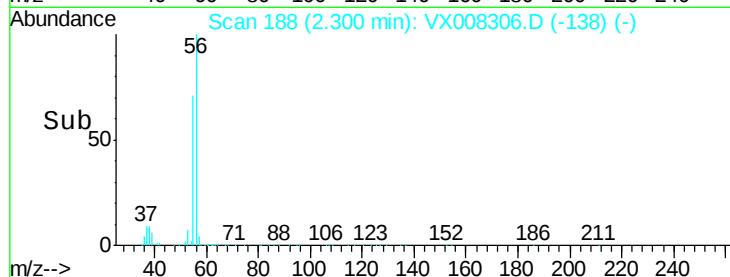
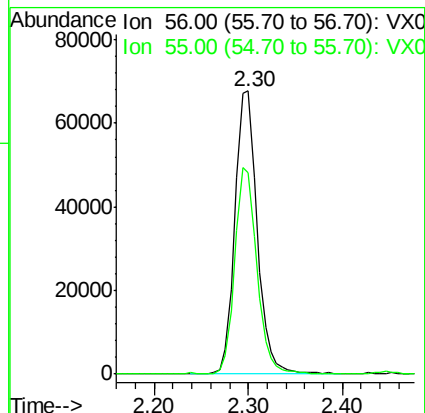
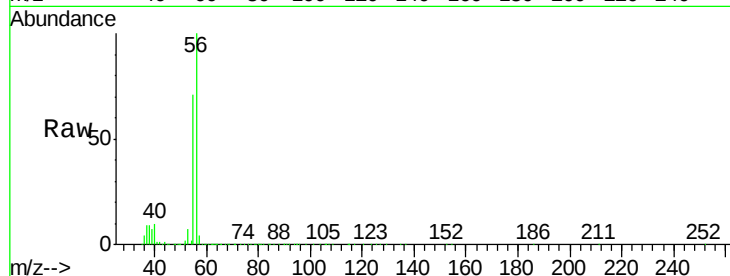
BFB

Tot Ion: 56 Resp: 112192

Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6



#14

Allyl chloride

Concen: 33.519 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

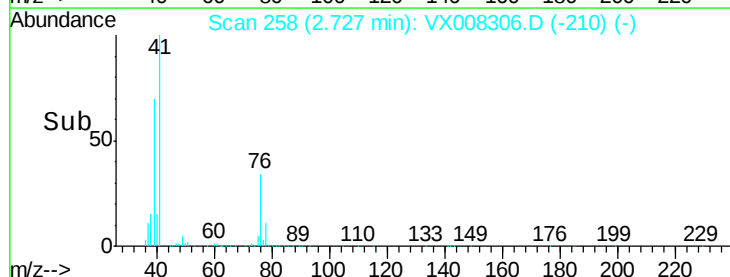
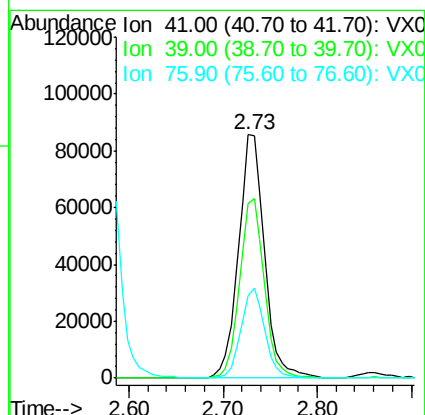
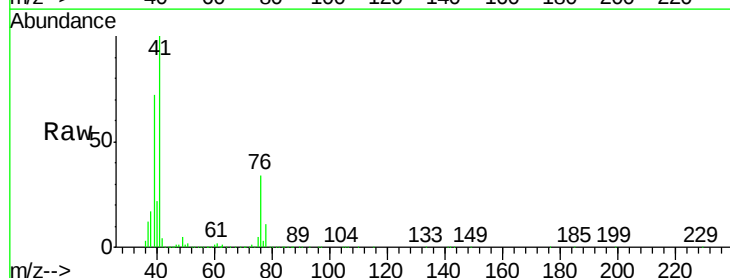
Tgt Ion: 41 Resp: 164723

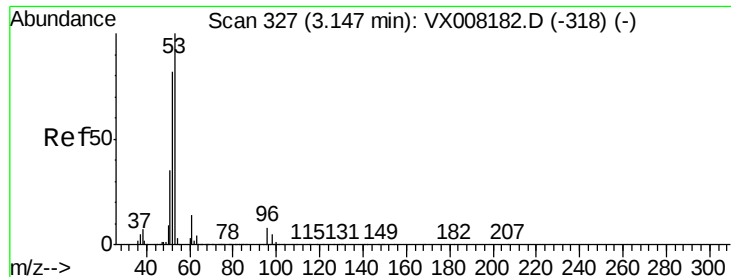
Ion Ratio Lower Upper

41 100

39 69.7 46.1 69.1#

76 33.8 24.0 36.0





#15

Acrylonitrile

Concen: 182.212 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

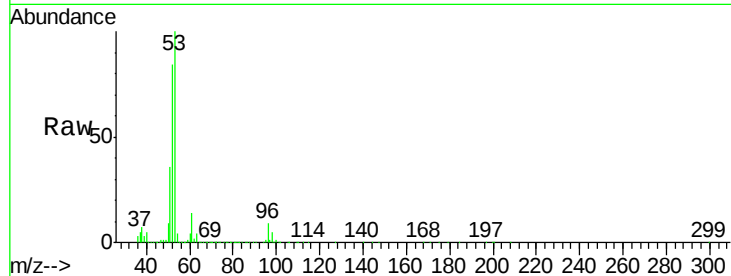
Tot Ion: 53 Resp: 289108

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

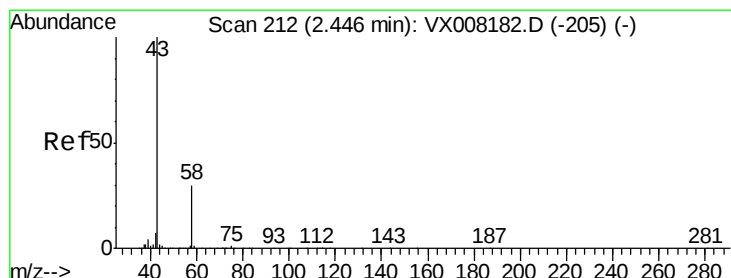
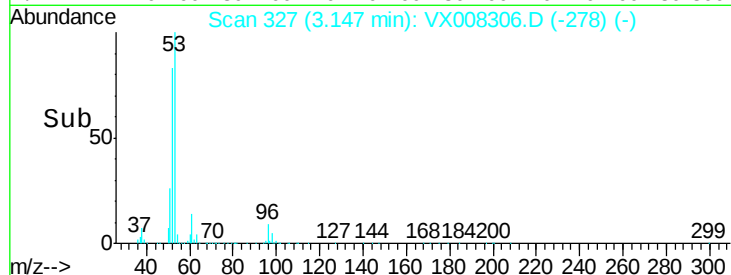
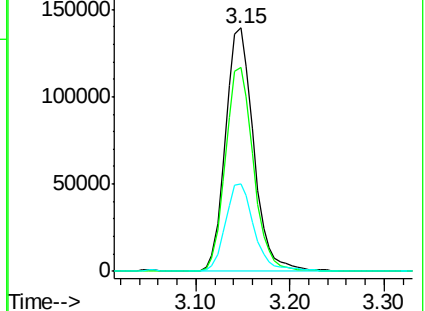
51 36.6 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 160.040 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008306.D

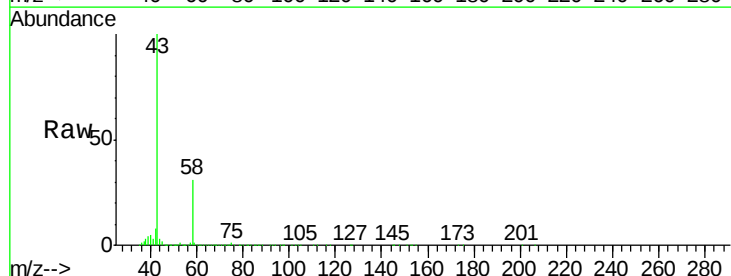
Acq: 21 Mar 2019 22:01

Tgt Ion: 43 Resp: 254347

Ion Ratio Lower Upper

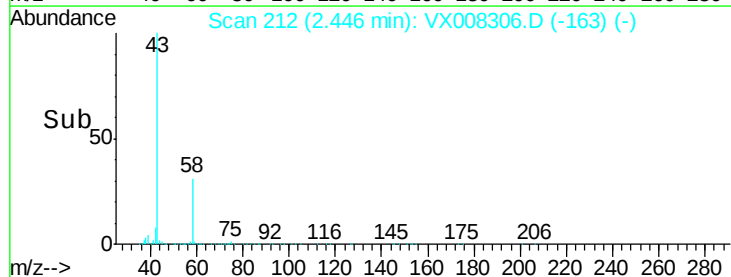
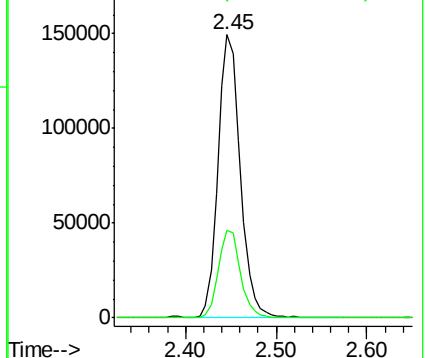
43 100

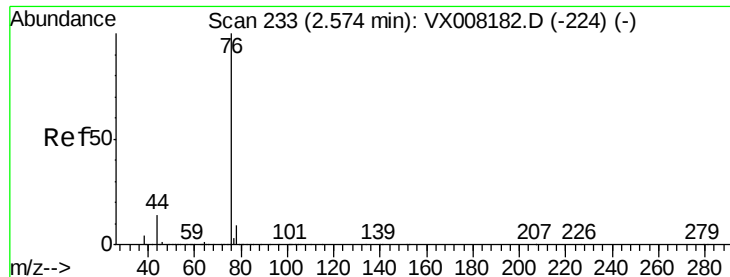
58 31.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

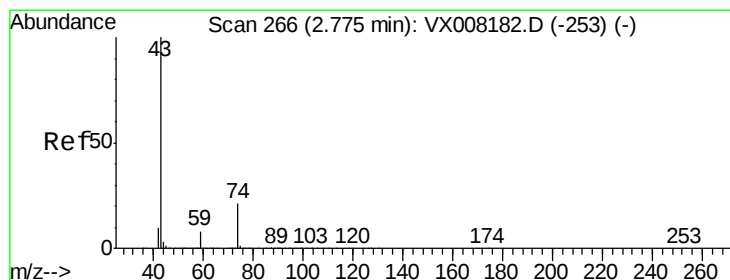
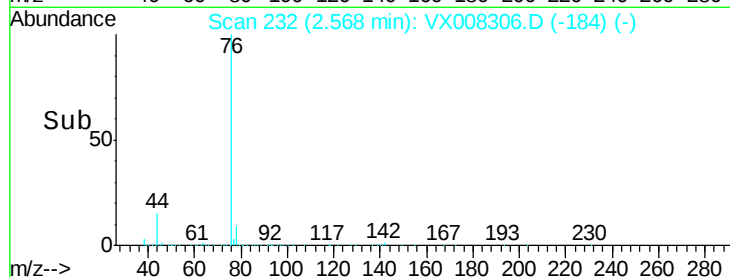
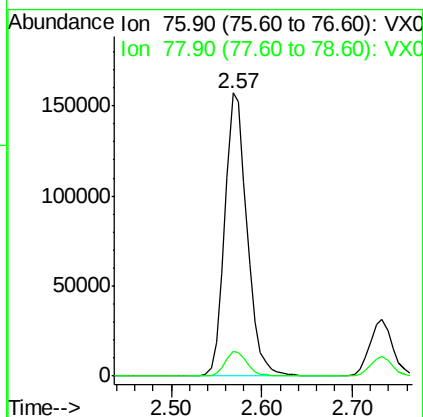
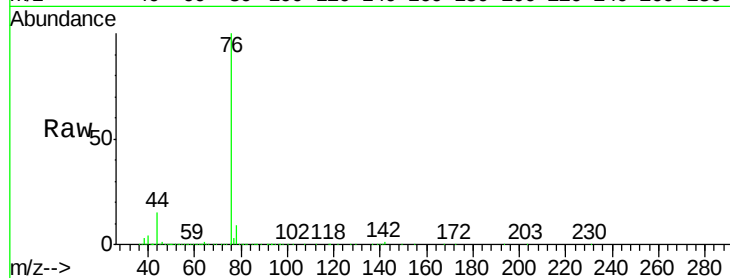




#17
Carbon Disulfide
Concen: 36.615 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

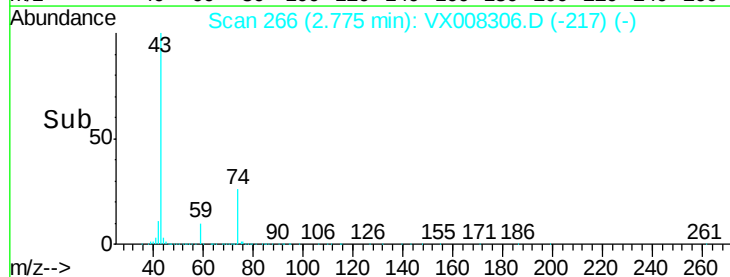
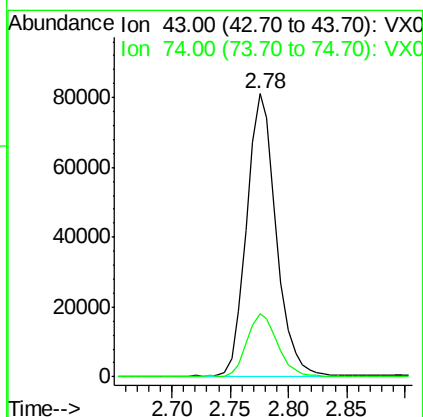
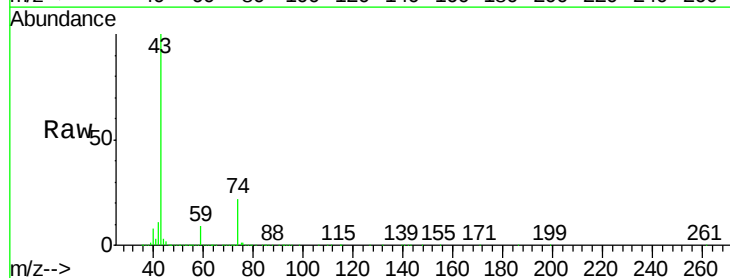
Instrument :
MSVOA_X
ClientSampleId :
BFB

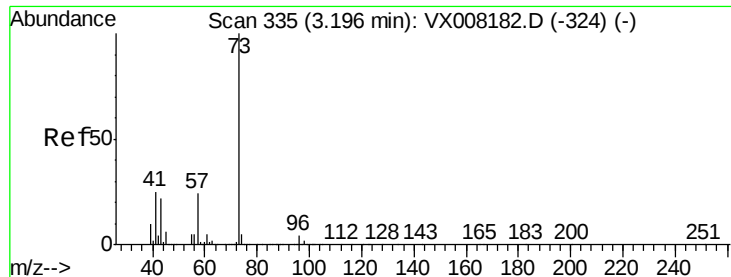
Tot Ion: 76 Resp: 268459
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 38.941 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 43 Resp: 143275
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.6

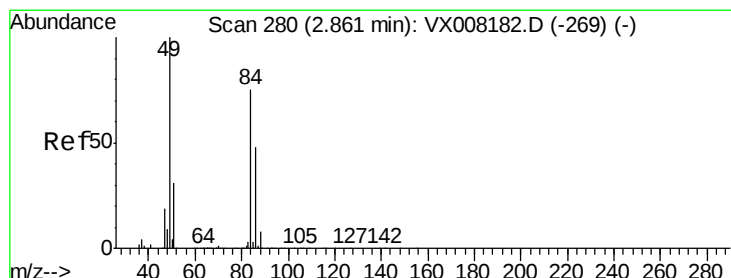
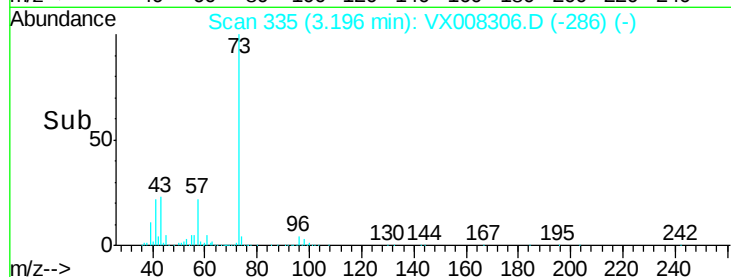
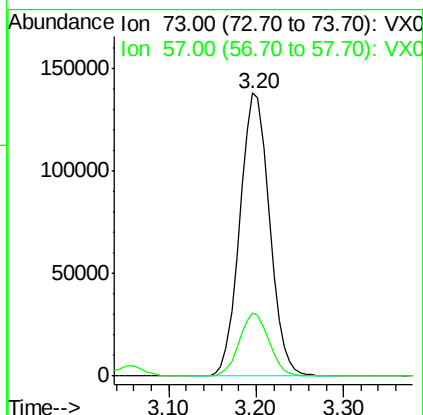
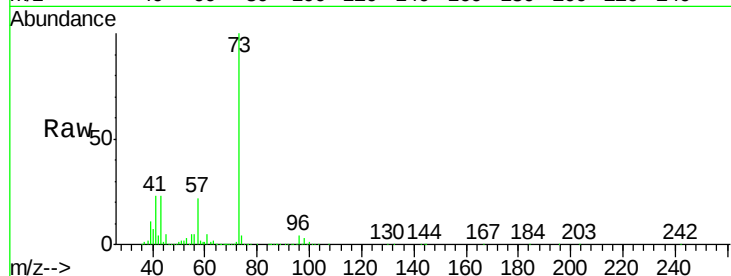




#19
Methvl tert-butvl Ether
Concen: 40.111 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

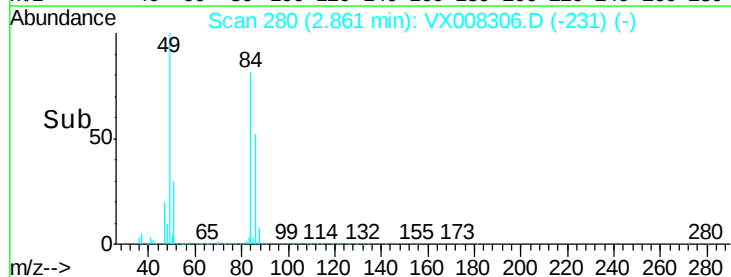
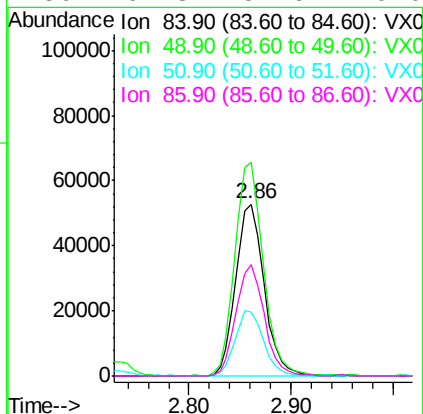
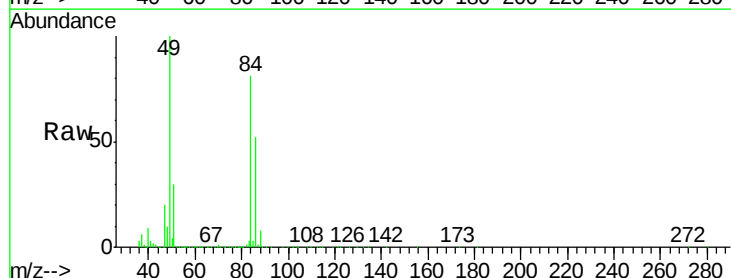
Instrument :
MSVOA_X
ClientSampleId :
BFB

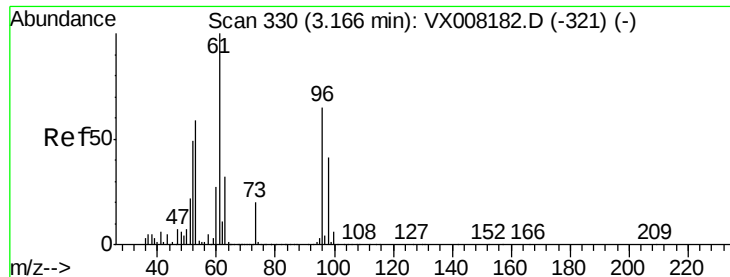
Tot Ion: 73 Resp: 327405
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4



#20
Methylene Chloride
Concen: 38.566 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 84 Resp: 102205
Ion Ratio Lower Upper
84 100
49 123.8 99.3 148.9
51 36.8 31.3 46.9
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 39.548 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

BFB

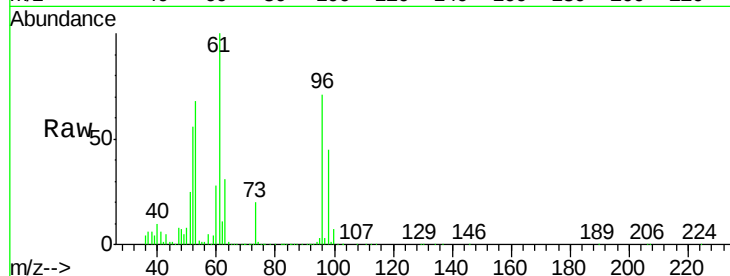
Tot Ion: 96 Resp: 96449

Ion Ratio Lower Upper

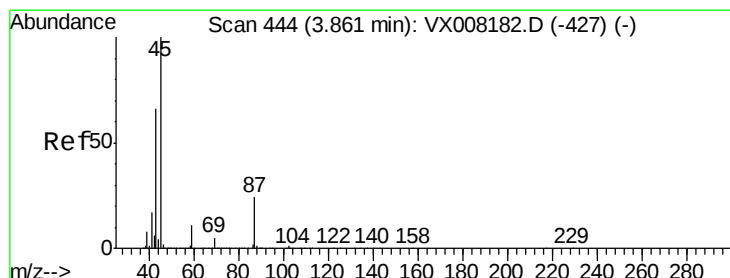
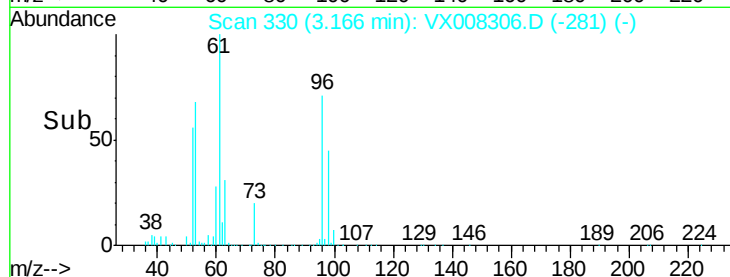
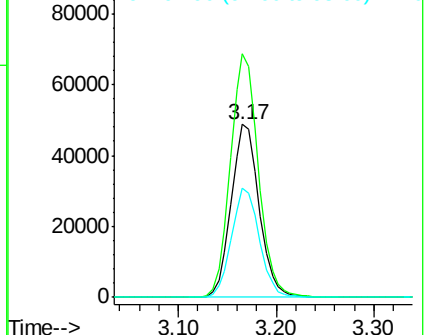
96 100

61 140.8 114.4 171.6

98 63.5 51.1 76.7



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



#22

Diisopropyl ether

Concen: 48.623 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Tgt Ion: 45 Resp: 467983

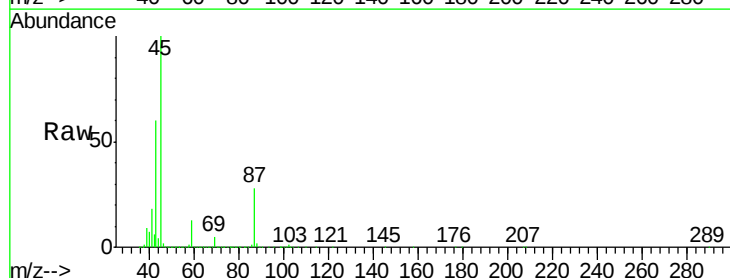
Ion Ratio Lower Upper

45 100

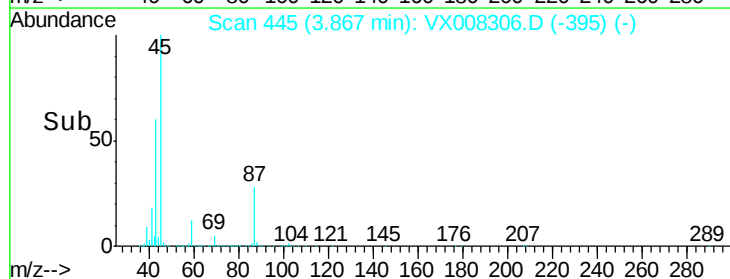
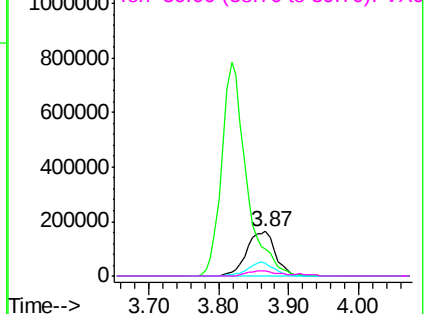
43 59.9 45.3 67.9

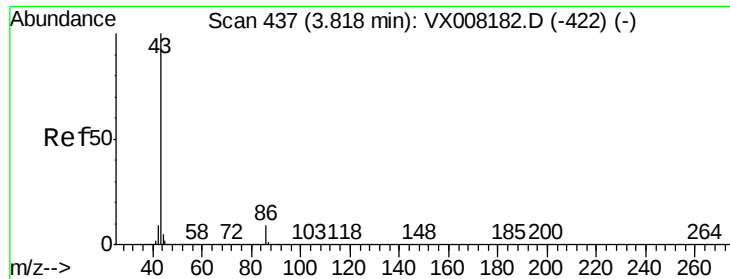
87 27.9 21.4 32.0

59 12.5 9.5 14.3



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





#23

Vinyl Acetate

Concen: 233.789 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

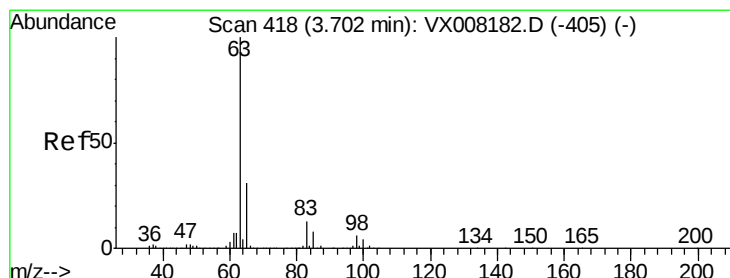
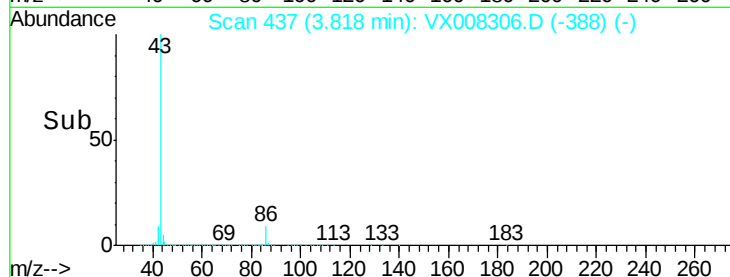
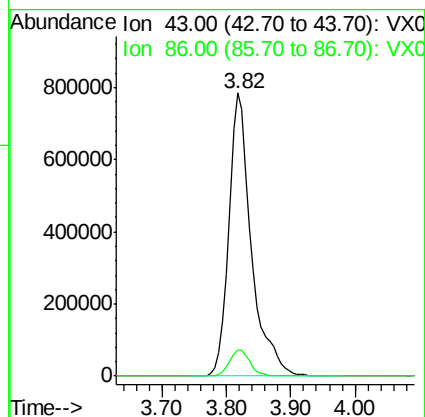
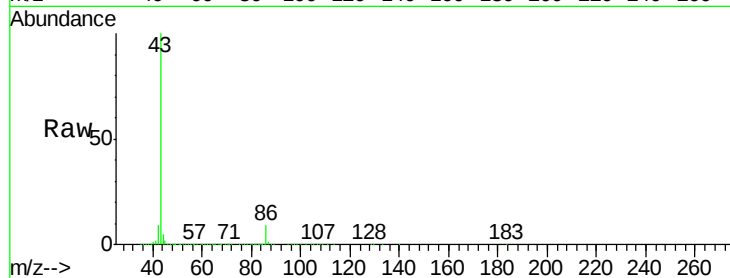
BFB

Tot Ion: 43 Resp: 1929151

Ion Ratio Lower Upper

43 100

86 9.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 37.479 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

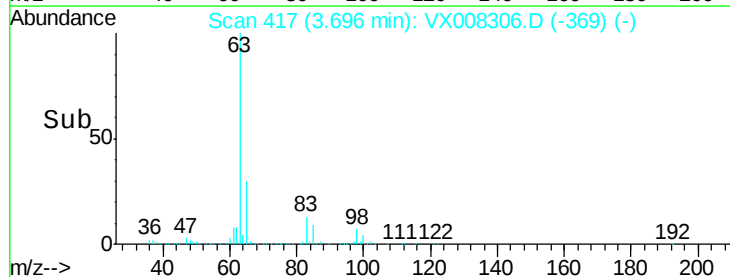
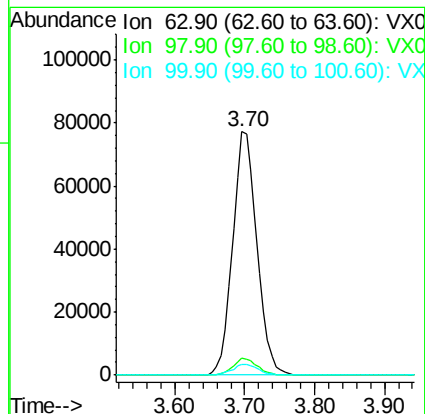
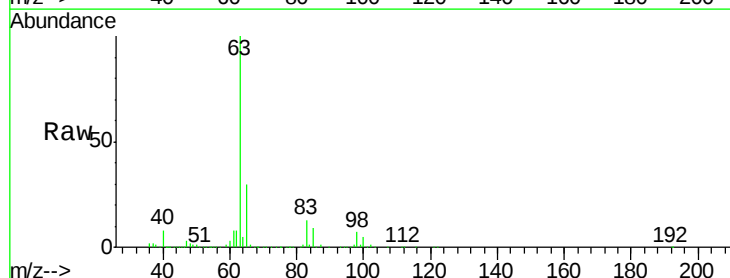
Tgt Ion: 63 Resp: 185528

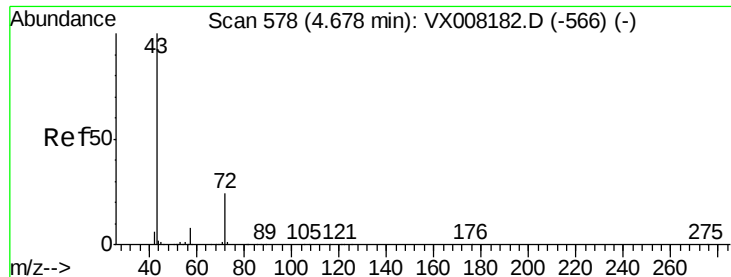
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 207.607 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

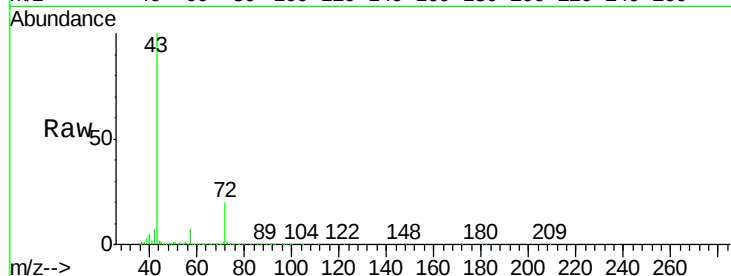
BFB

Tot Ion: 43 Resp: 487042

Ion Ratio Lower Upper

43 100

72 20.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

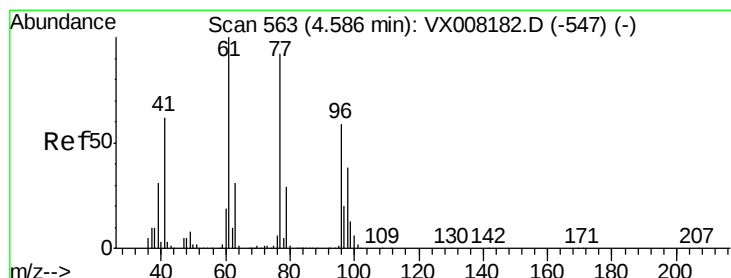
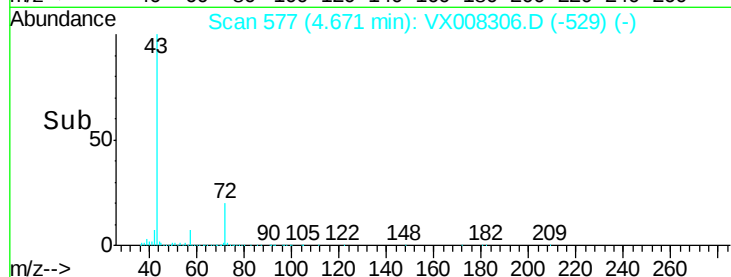
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 35.776 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008306.D

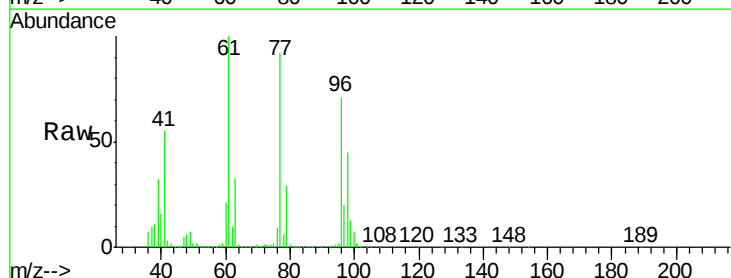
Acq: 21 Mar 2019 22:01

Tgt Ion: 77 Resp: 133412

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

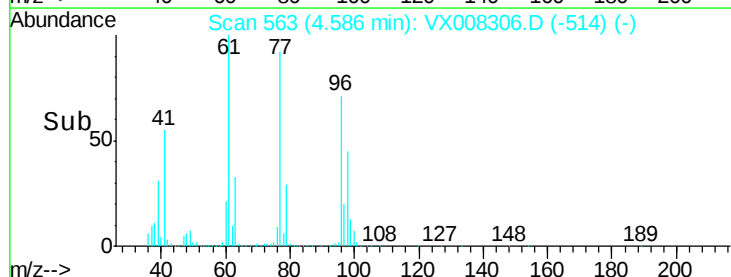
30000

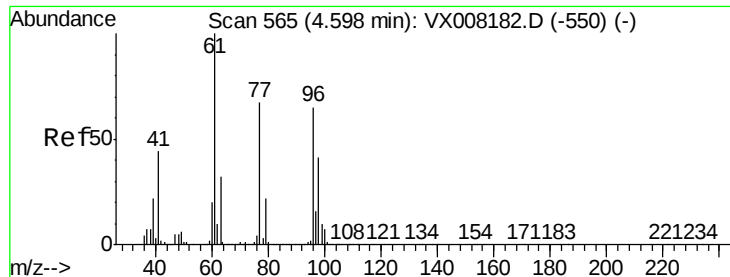
20000

10000

0

Time-->



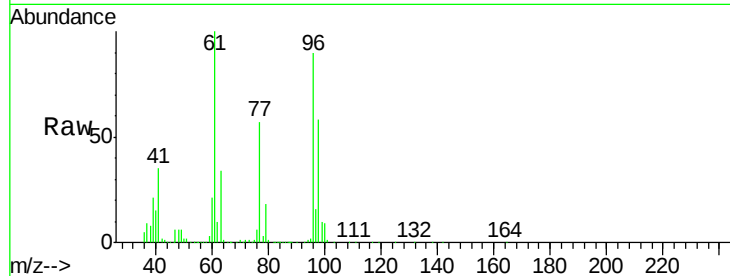


#27

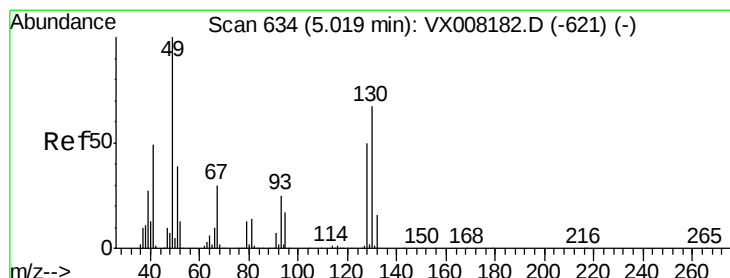
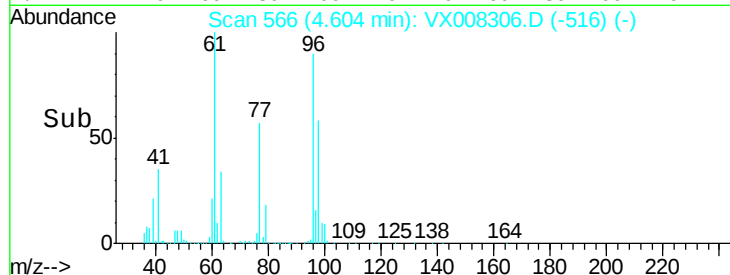
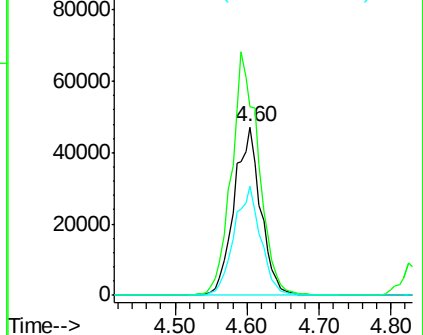
cis-1,2-Dichloroethene
Concen: 43.462 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 96 Resp: 120833
Ion Ratio Lower Upper
96 100
61 147.6 0.0 288.0
98 65.4 0.0 129.0



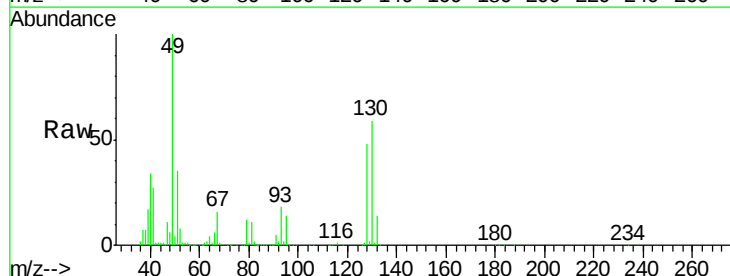
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



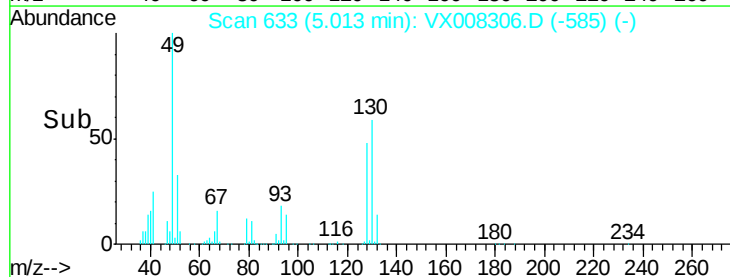
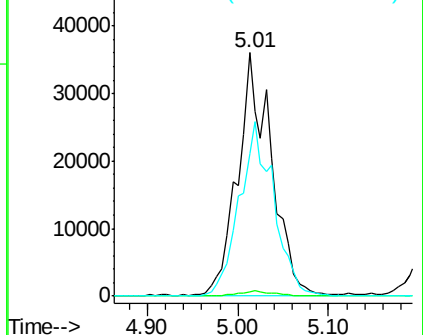
#28

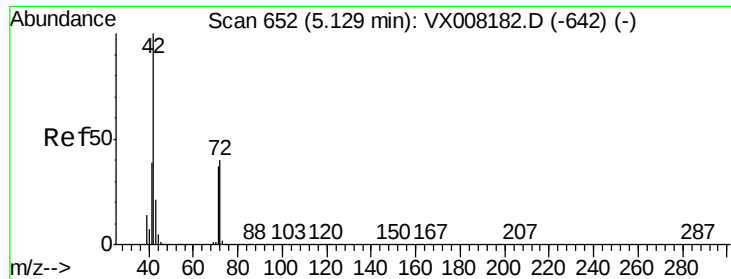
Bromochloromethane
Concen: 41.265 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 49 Resp: 91724
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 74.4 65.0 97.4



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

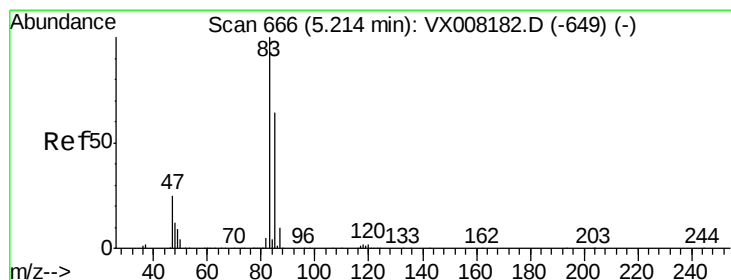
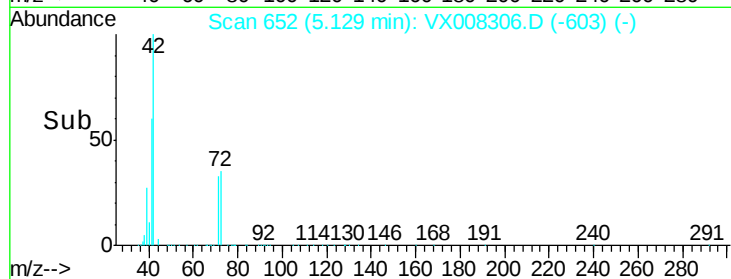
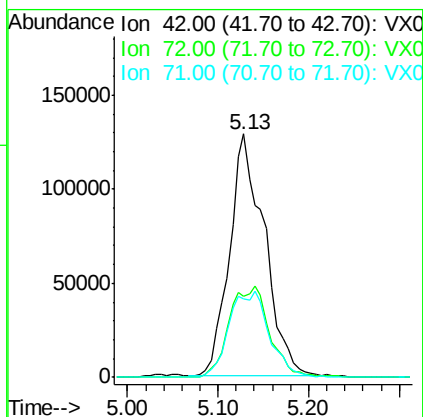
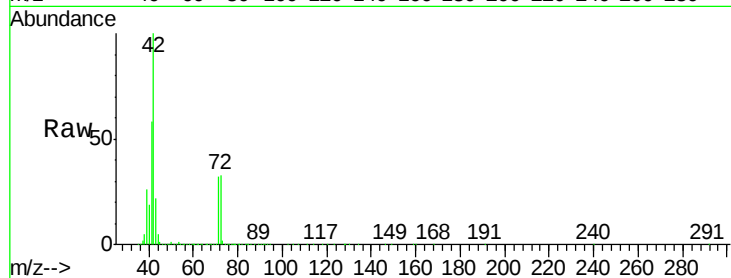




#29
Tetrahydrofuran
Concen: 235.673 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

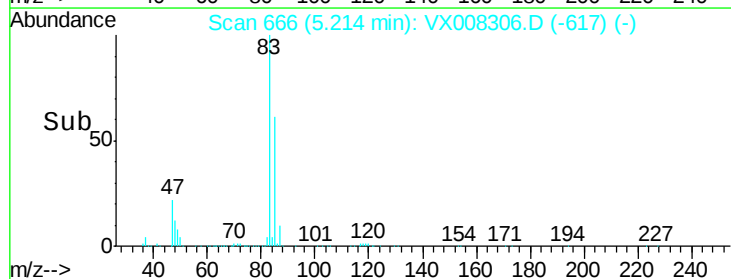
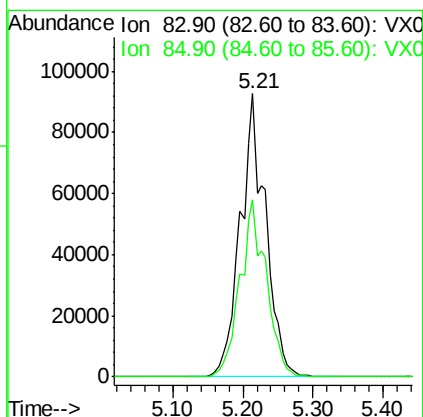
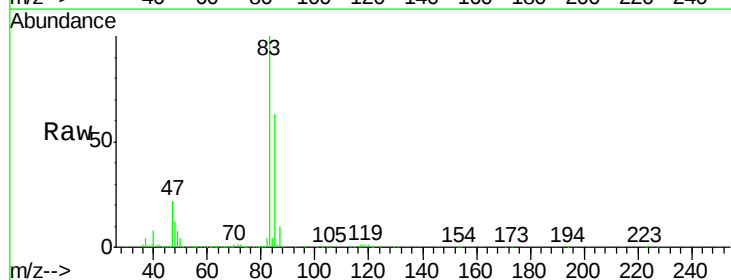
Instrument :
MSVOA_X
ClientSampleId :
BFB

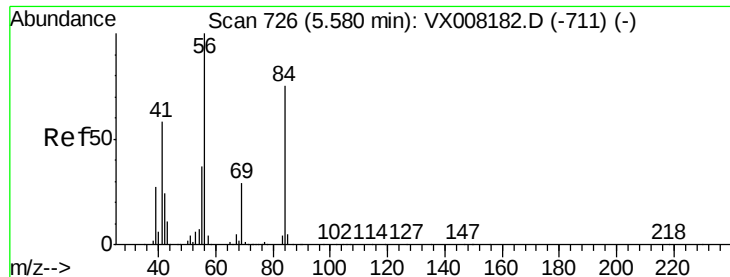
Tot Ion: 42 Resp: 345625
Ion Ratio Lower Upper
42 100
72 43.7 33.8 50.6
71 40.7 31.5 47.3



#30
Chloroform
Concen: 50.027 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 83 Resp: 231647
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.6

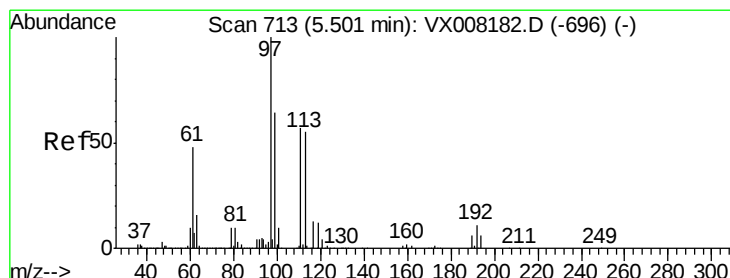
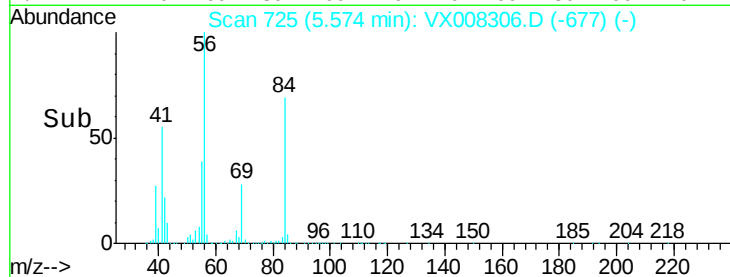
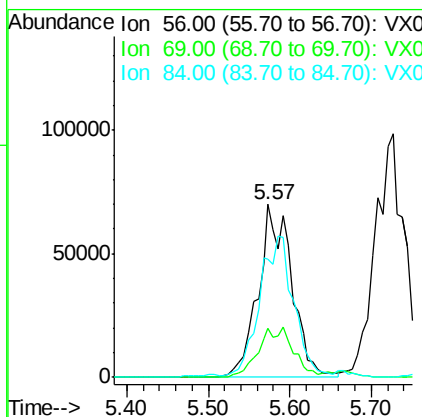
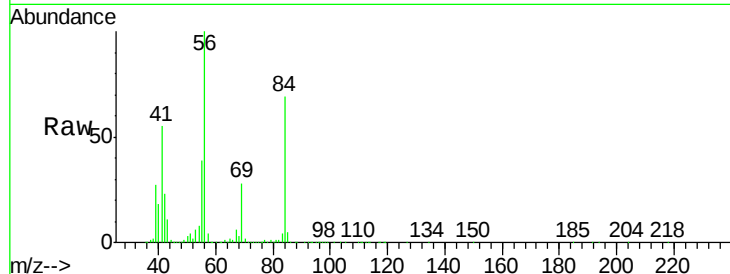




#31
Cyclohexane
Concen: 42.907 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

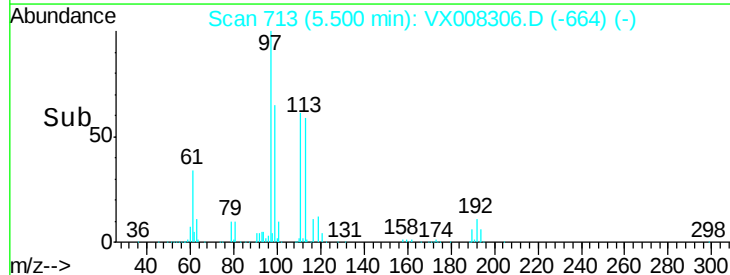
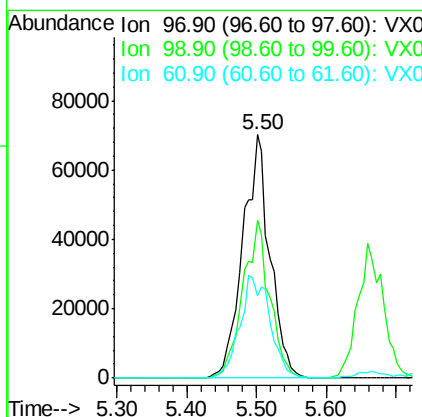
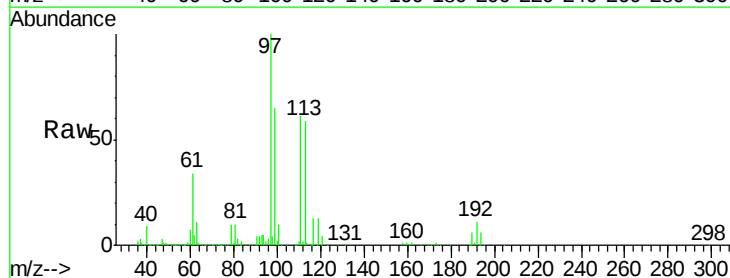
Instrument :
MSVOA_X
ClientSampled :
BFB

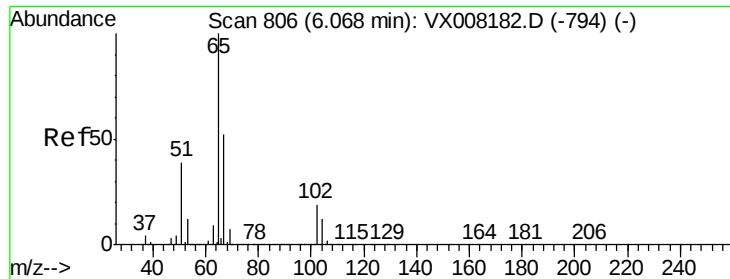
Tot Ion: 56 Resp: 199446
Ion Ratio Lower Upper
56 100
69 28.3 24.0 36.0
84 68.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 49.009 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 97 Resp: 188775
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 47.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 44.884 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

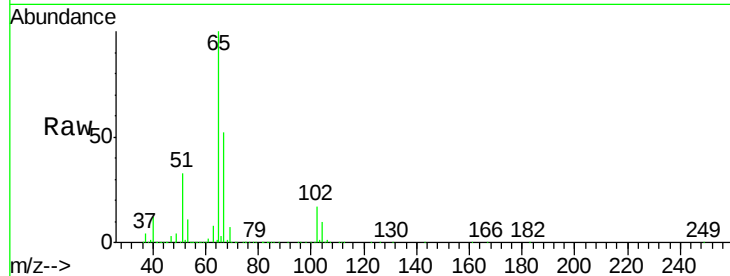
BFB

Tot Ion: 65 Resp: 125772

Ion Ratio Lower Upper

65 100

67 52.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

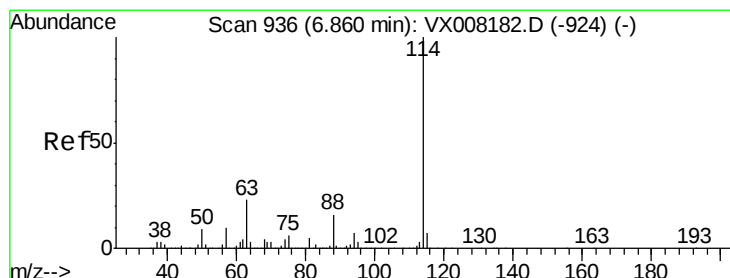
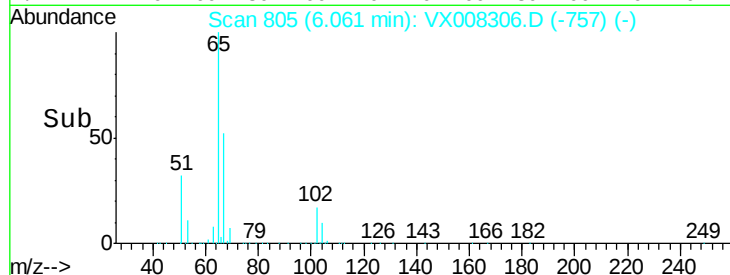
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

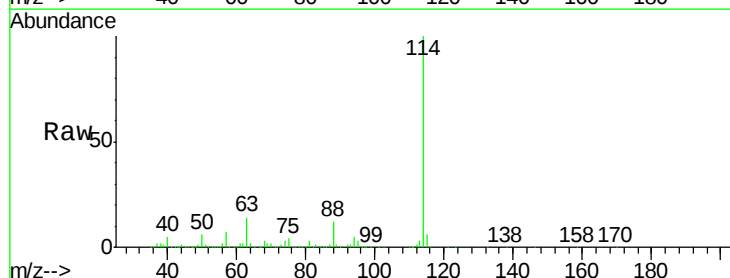
Tgt Ion: 114 Resp: 295494

Ion Ratio Lower Upper

114 100

63 14.4 0.0 39.8

88 12.4 0.0 31.4



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

150000

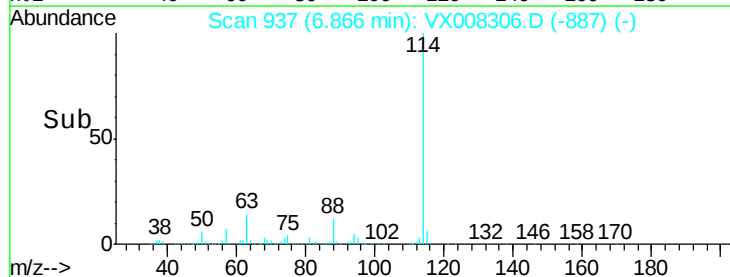
100000

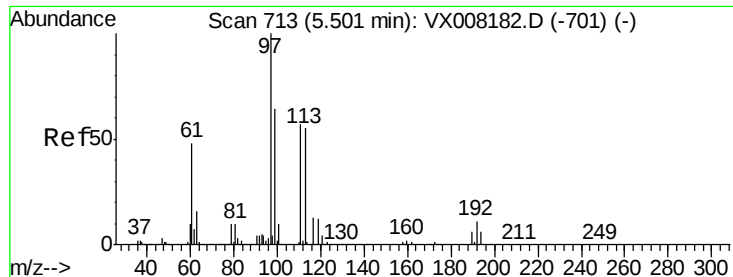
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.169 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

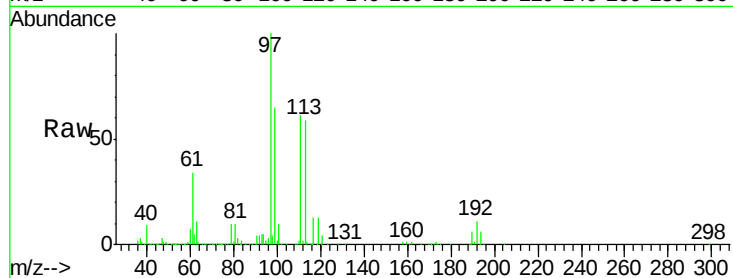
Tot Ion:113 Resp: 101219

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

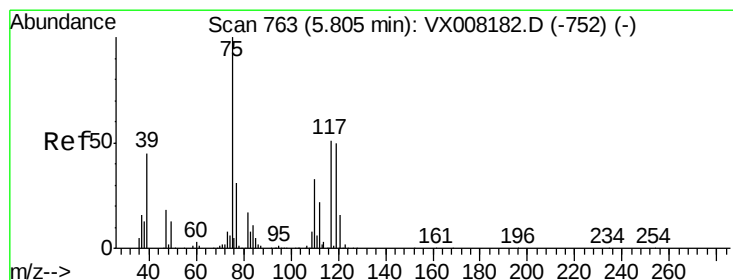
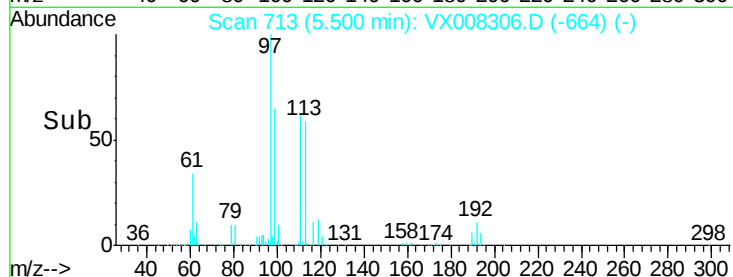
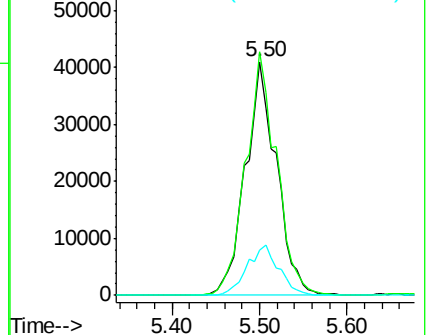
192 22.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.519 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

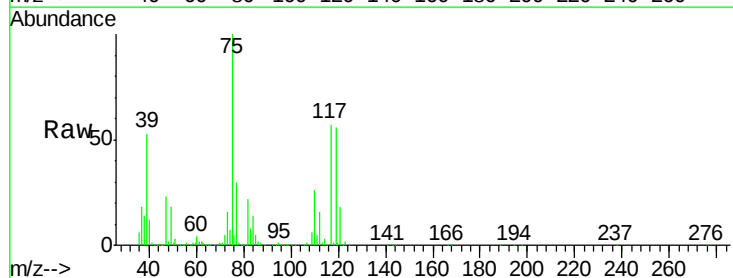
Tgt Ion: 75 Resp: 166921

Ion Ratio Lower Upper

75 100

110 34.8 18.4 55.0

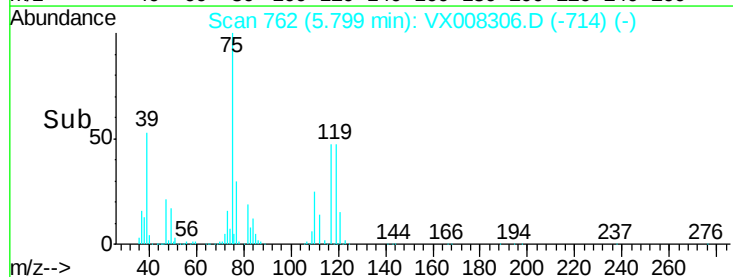
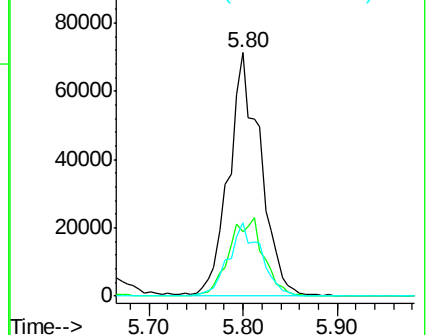
77 30.3 25.0 37.4

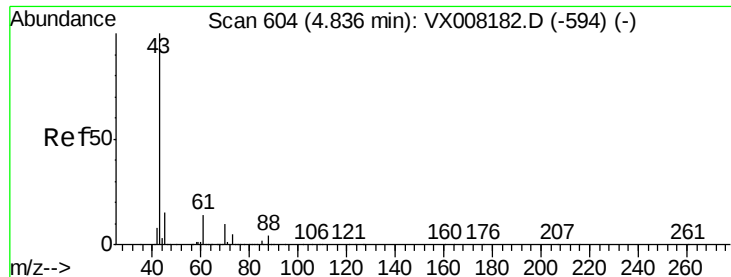


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

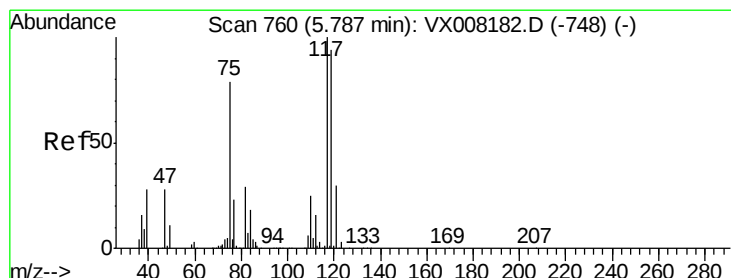
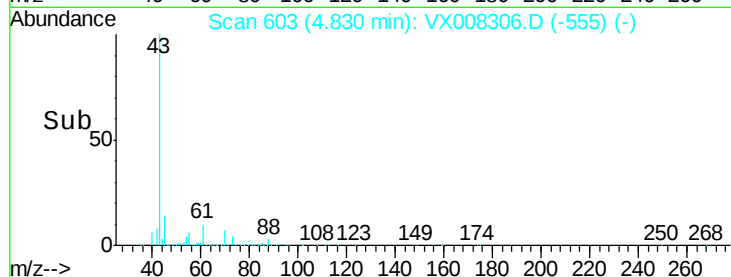
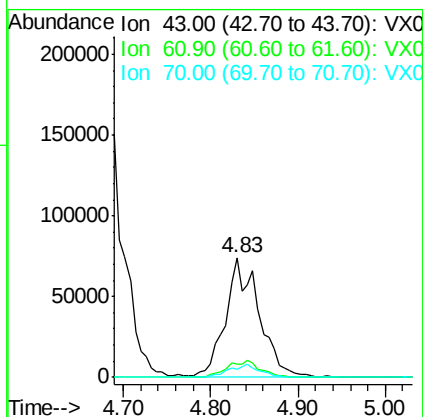
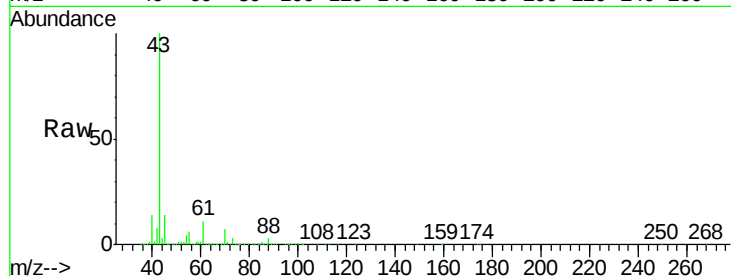




#37
Ethyl Acetate
Concen: 48.282 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

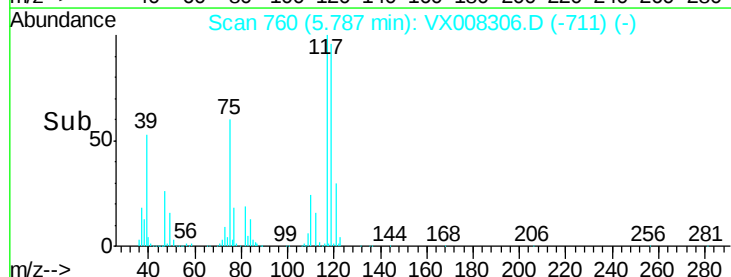
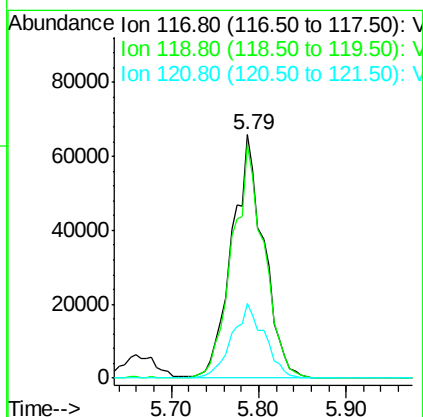
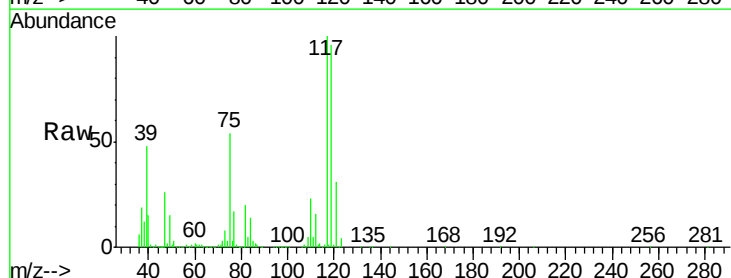
Instrument :
MSVOA_X
ClientSampleId :
BFB

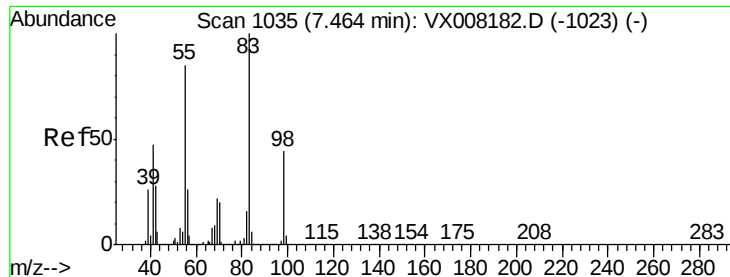
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.1	8.5	12.7



#38
Carbon Tetrachloride
Concen: 54.536 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	30.6	24.6	36.8

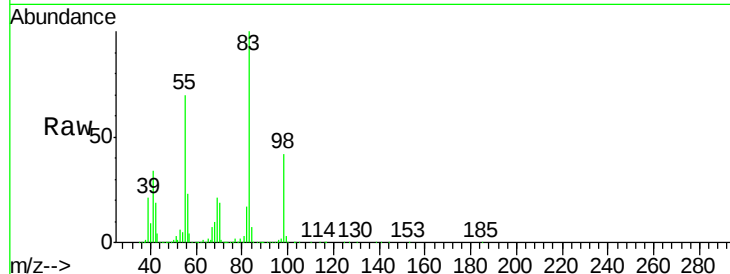




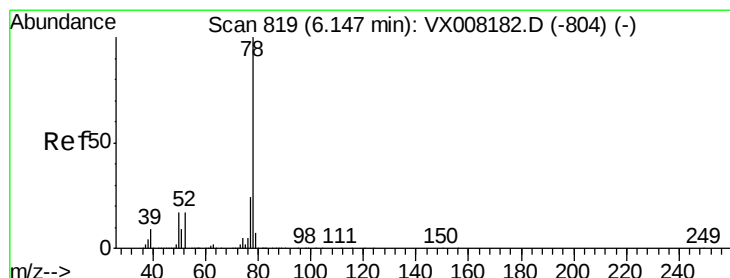
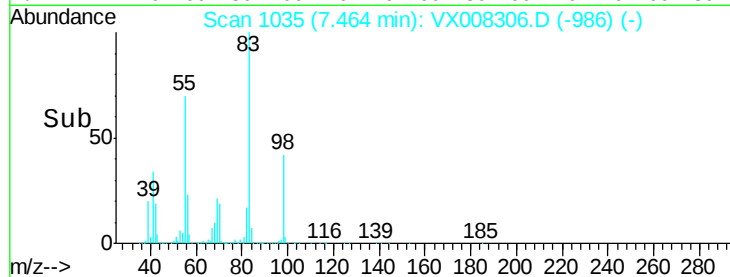
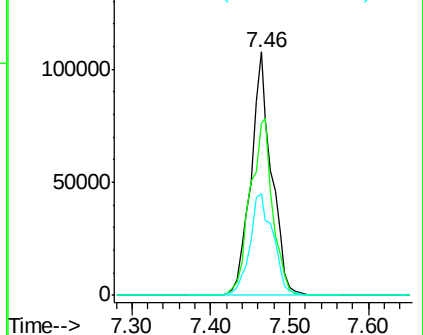
#39
Methvlcvclohexane
Concen: 47.403 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	83	Resp	196252
Ion Ratio	Lower	Upper	
83	100		
55	70.4	60.4	90.6
98	41.8	36.5	54.7

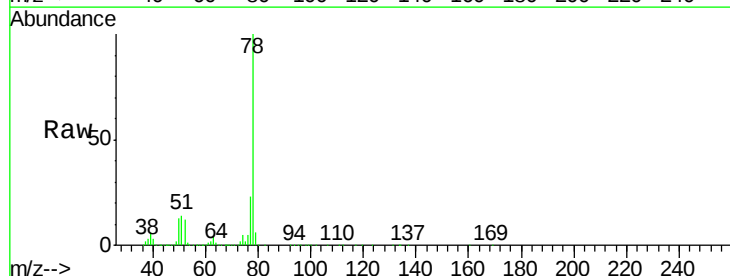


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

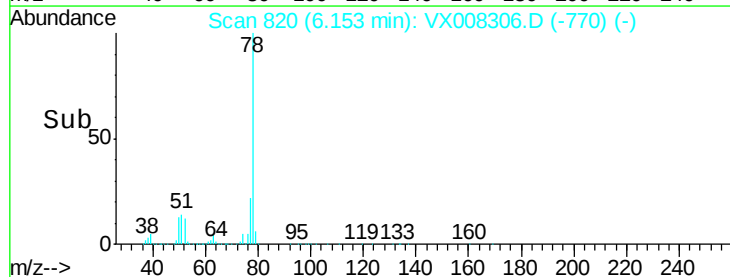
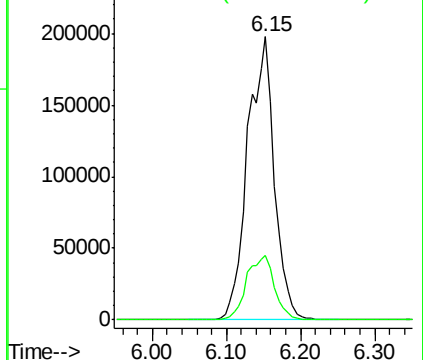


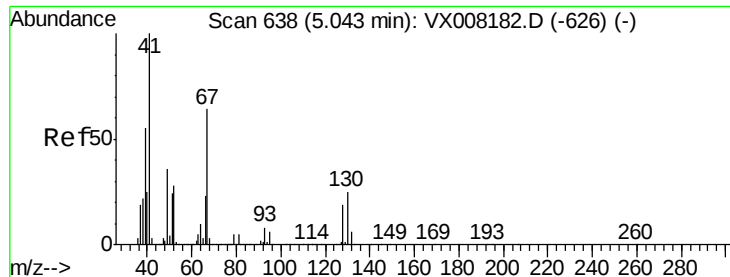
#40
Benzene
Concen: 48.820 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion	78	Resp	497120
Ion Ratio	Lower	Upper	
78	100		
77	22.9	19.0	28.4



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

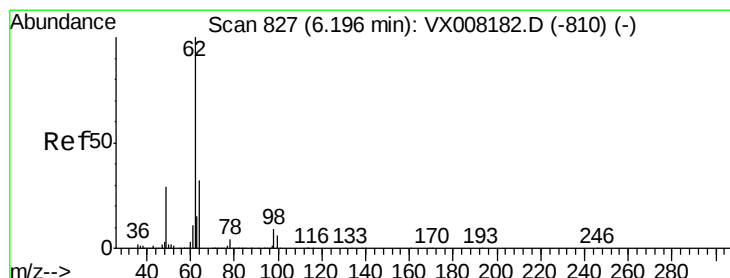
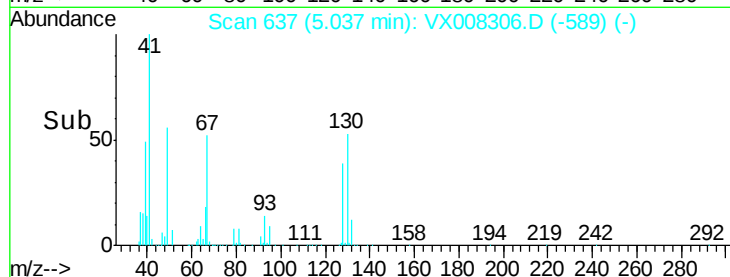
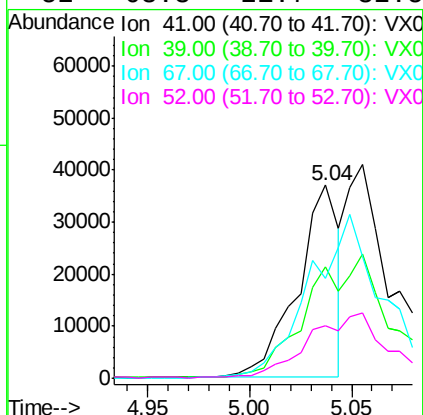
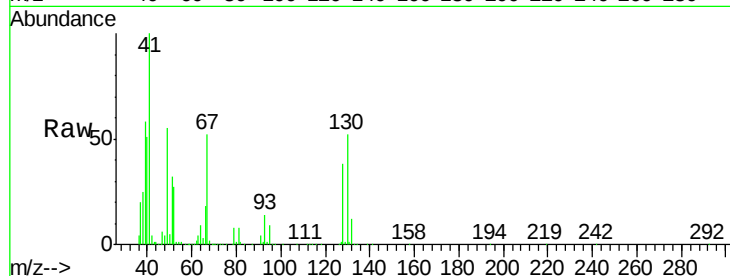




#41
Methacrylonitrile
Concen: 22.973 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

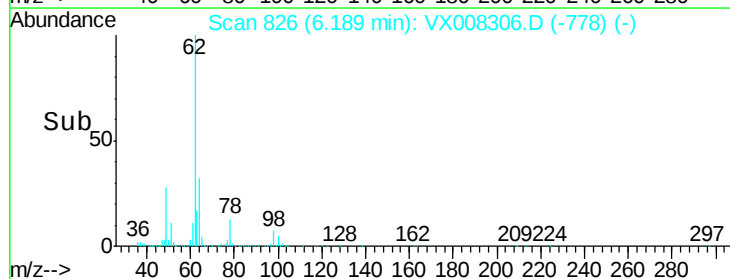
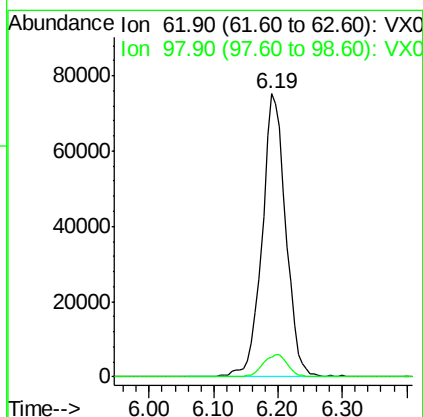
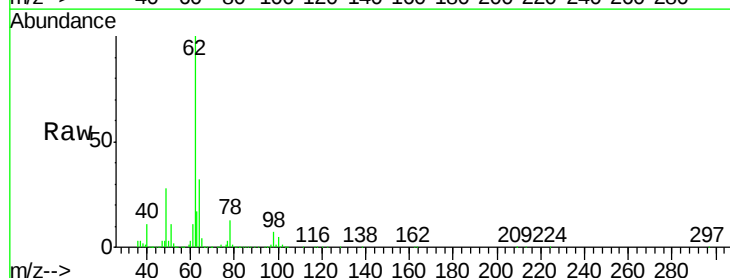
Instrument :
MSVOA_X
ClientSampled :
BFB

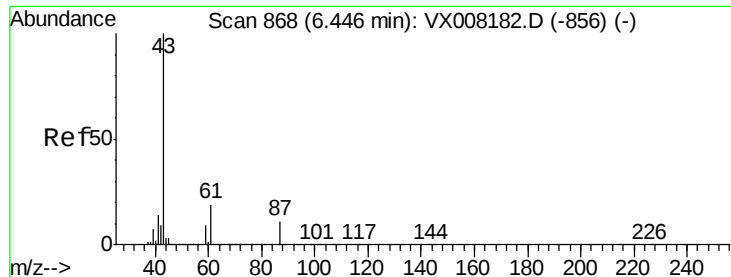
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.9	41.6	62.4
67	153.3	55.8	83.6#
52	63.3	21.7	32.5#



#42
1,2-Dichloroethane
Concen: 51.418 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4



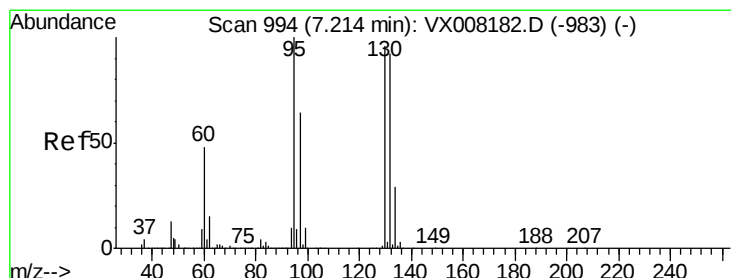
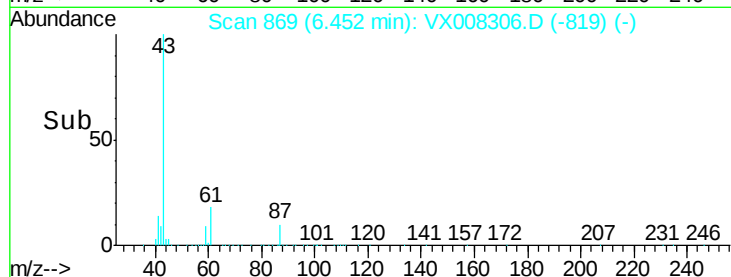
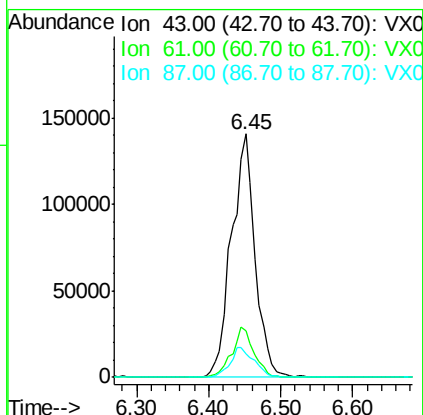
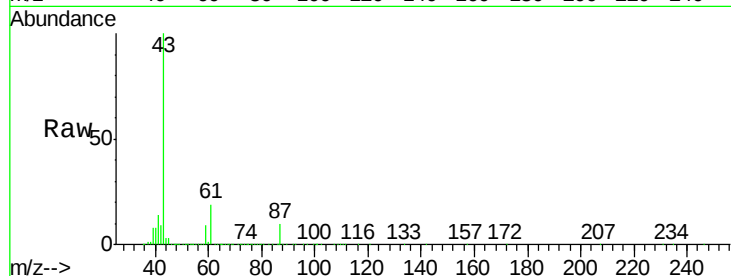


#43

Isopropyl Acetate
 Concen: 49.105 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

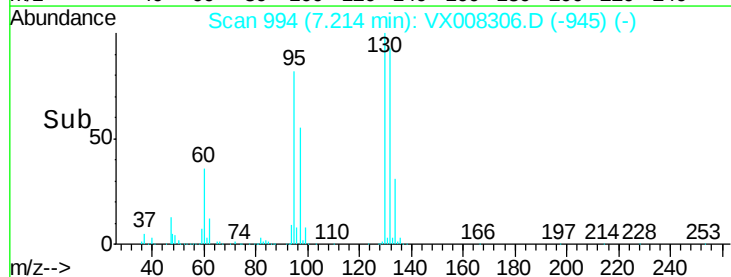
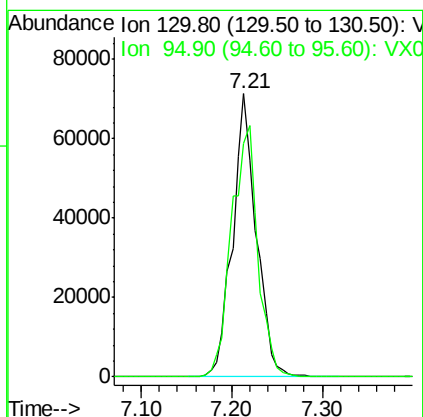
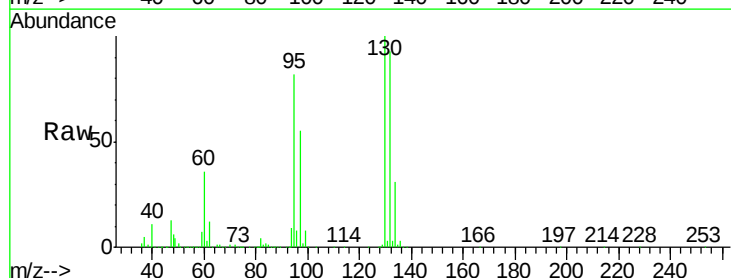
Tot Ion	43.00	Resp	320102
Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.3	24.5
87	12.7	10.5	15.7

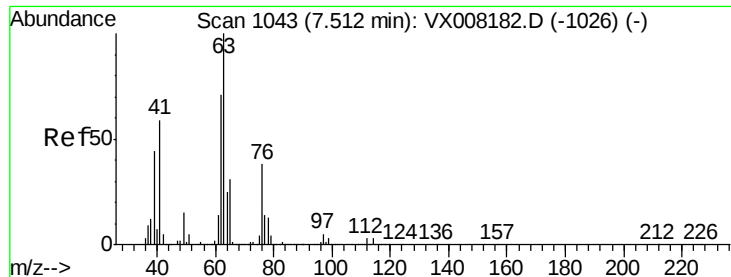


#44

Trichloroethene
 Concen: 51.890 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

Tgt Ion	130	Resp	129195
Ion	Ratio	Lower	Upper
130	100		
95	82.3	0.0	188.0





#45

1,2-Dichloropropane

Concen: 47.673 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

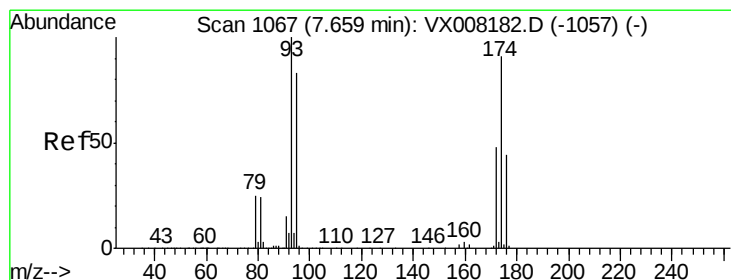
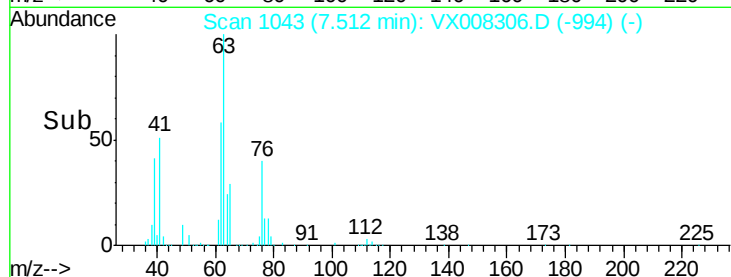
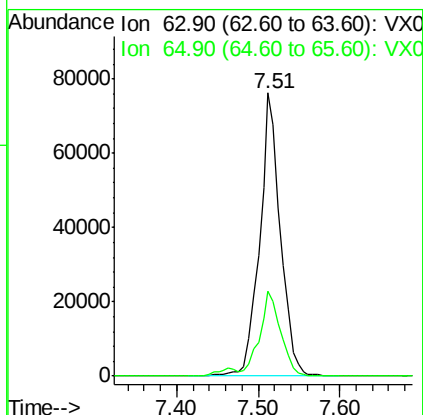
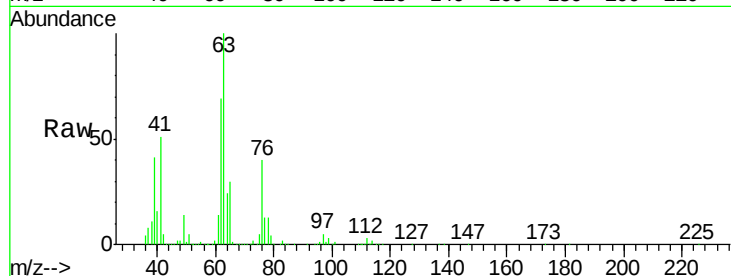
BFB

Tot Ion: 63 Resp: 135892

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 50.489 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

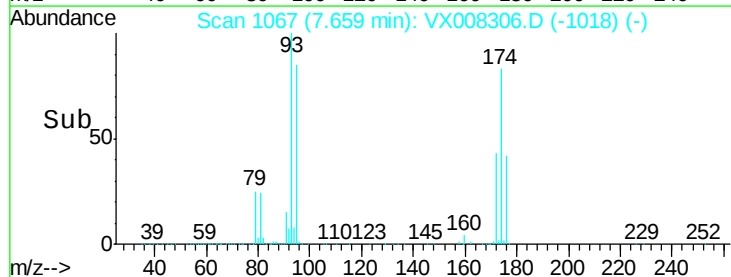
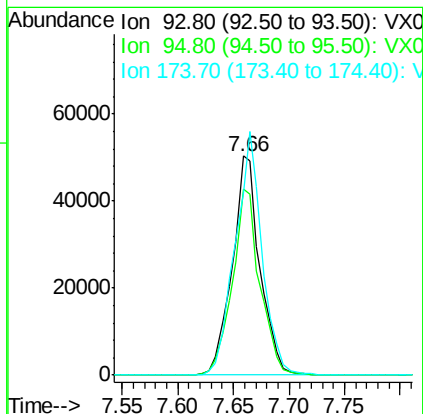
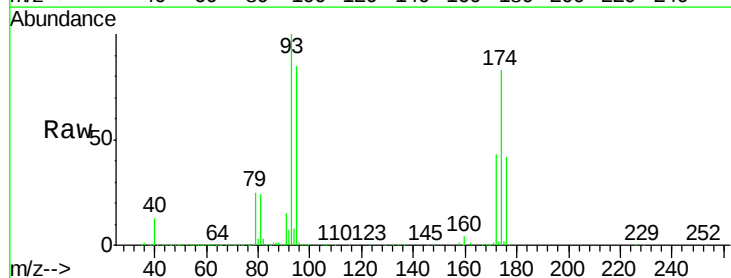
Tgt Ion: 93 Resp: 87139

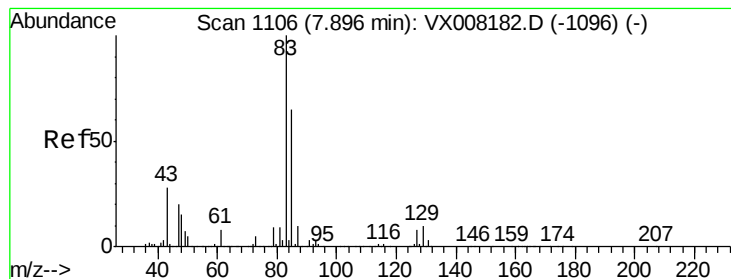
Ion Ratio Lower Upper

93 100

95 84.8 66.8 100.2

174 107.7 97.3 145.9





#47

Bromodichloromethane

Concen: 57.049 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

BFB

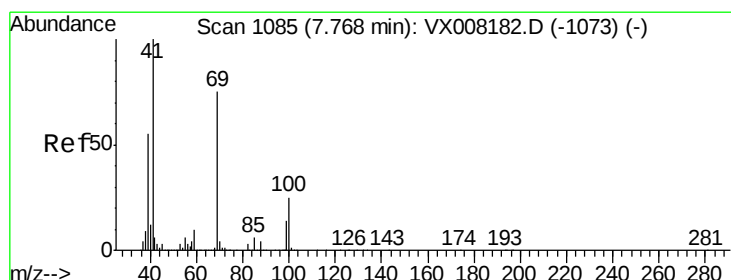
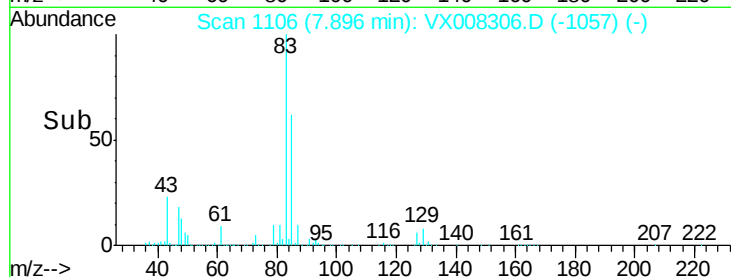
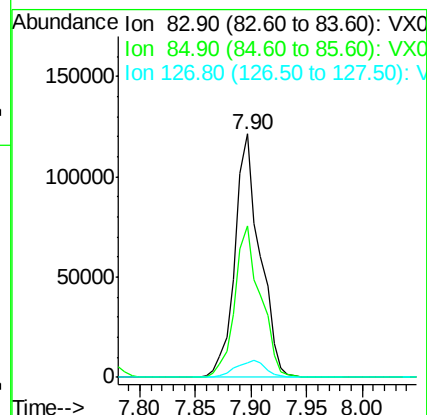
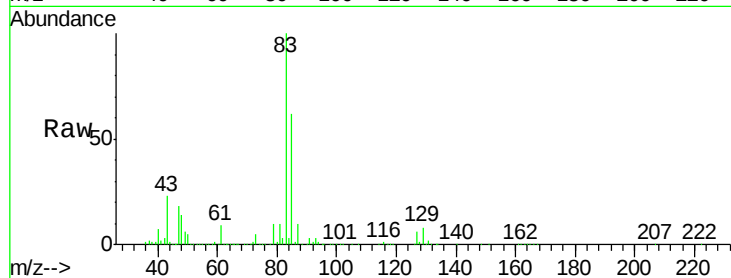
Tot Ion: 83 Resp: 187645

Ion Ratio Lower Upper

83 100

85 61.9 50.9 76.3

127 6.1 7.4 11.0#



#48

Methyl methacrylate

Concen: 49.749 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

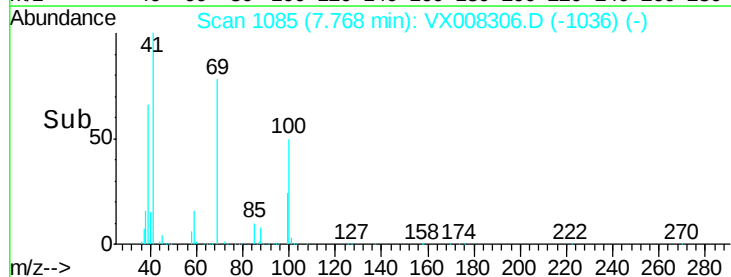
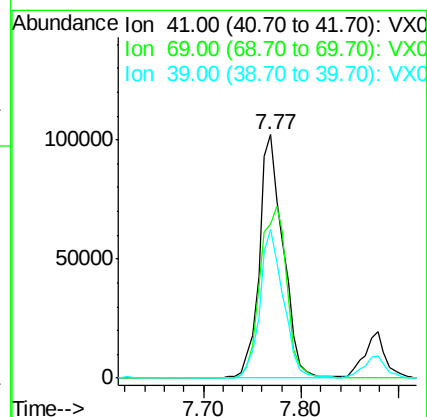
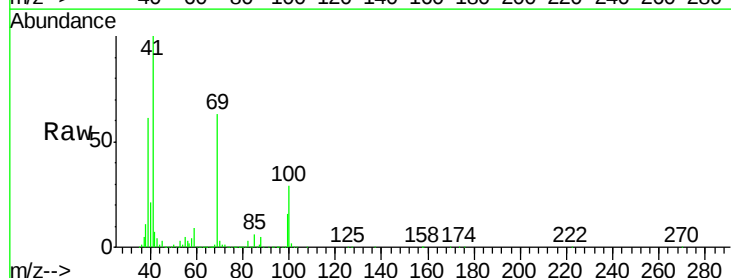
Tgt Ion: 41 Resp: 172433

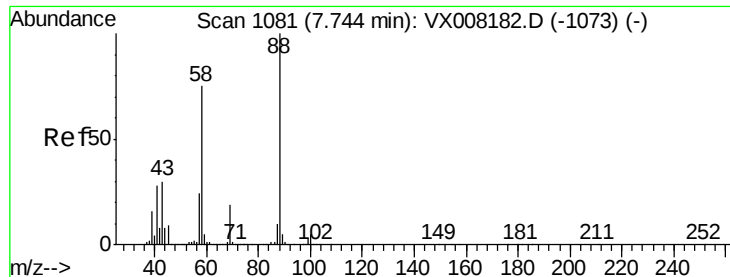
Ion Ratio Lower Upper

41 100

69 80.1 65.2 97.8

39 60.0 39.4 59.2#





#49

1,4-Dioxane

Concen: 1037.006 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

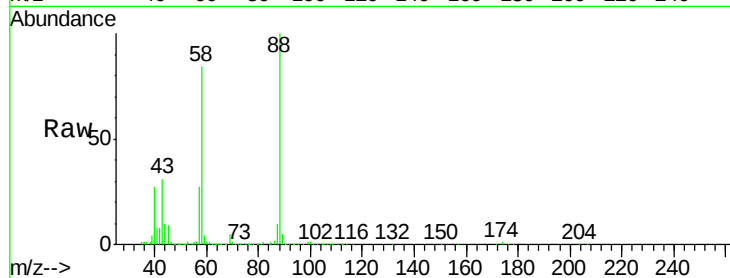
Tot Ion: 88 Resp: 63428

Ion Ratio Lower Upper

88 100

43 34.2 25.1 37.7

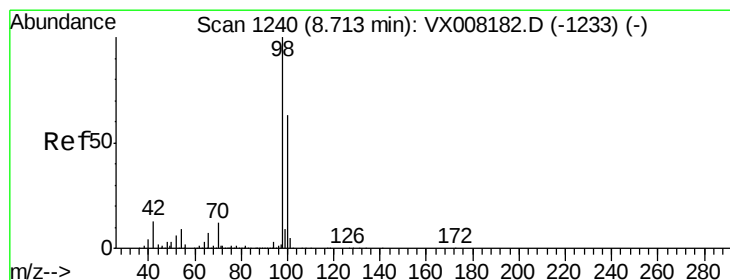
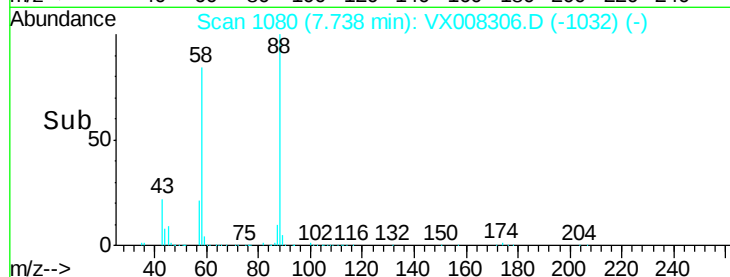
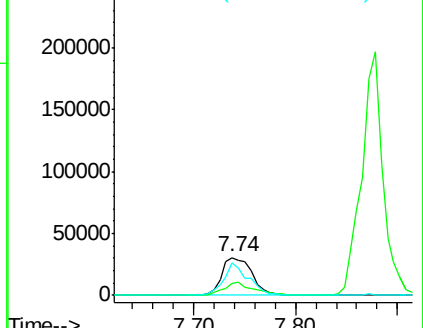
58 69.4 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 57.973 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008306.D

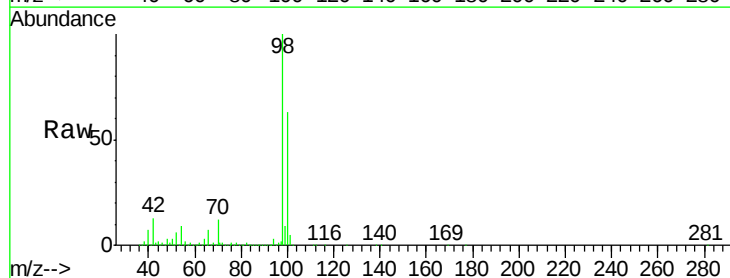
Acq: 21 Mar 2019 22:01

Tgt Ion: 98 Resp: 434790

Ion Ratio Lower Upper

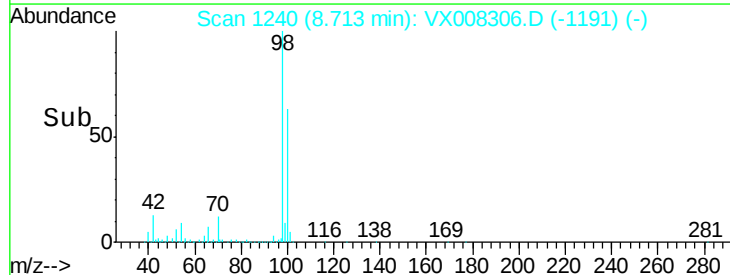
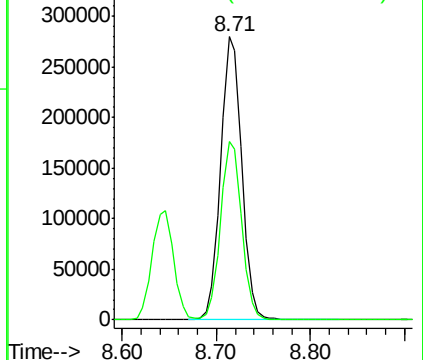
98 100

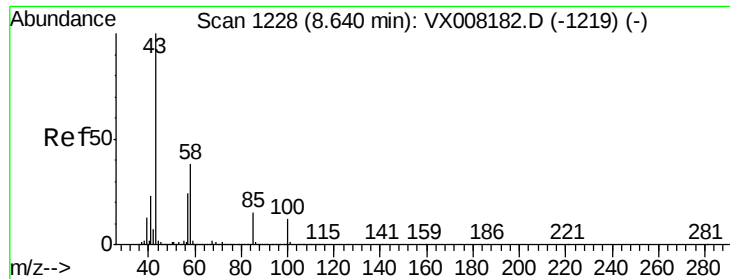
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

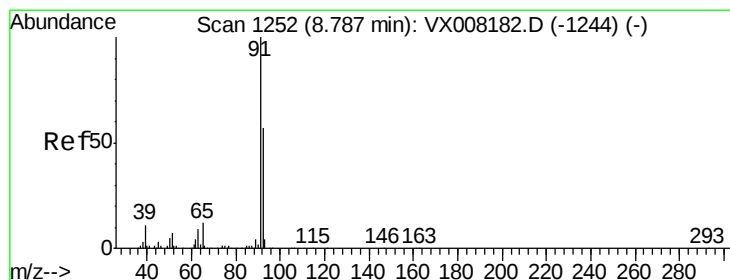
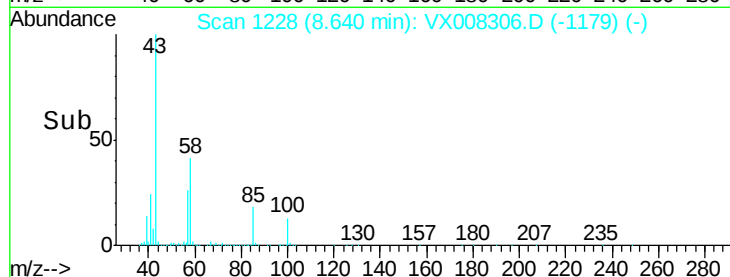
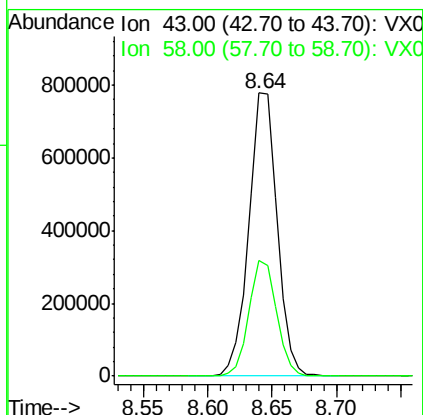
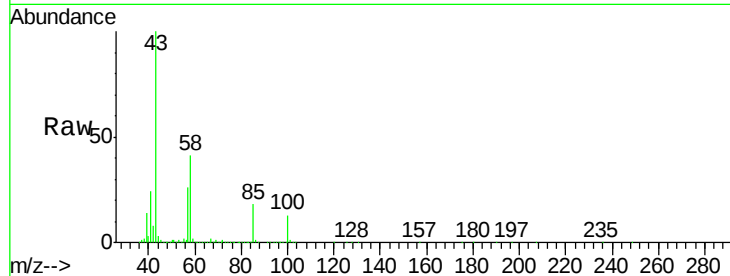




#51
 4-Methyl-2-Pentanone
 Concen: 279.610 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

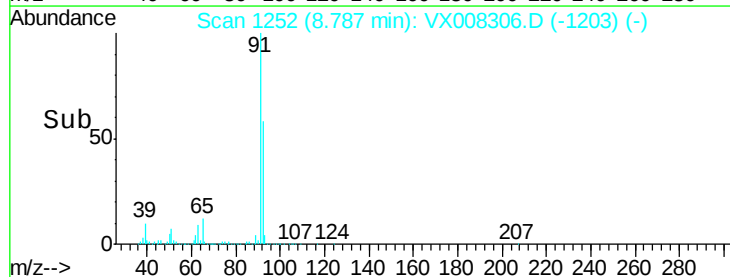
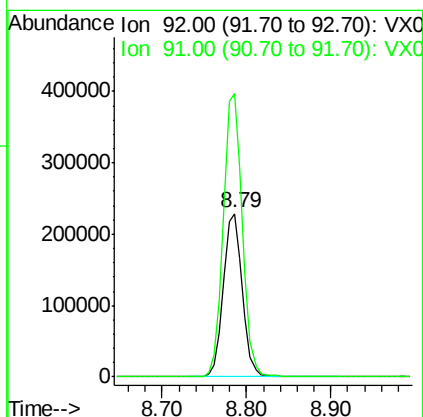
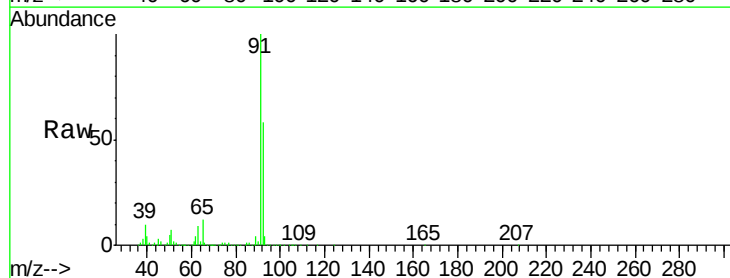
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tot Ion: 43 Resp: 1178352
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.3 46.9



#52
 Toluene
 Concen: 58.875 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

Tgt Ion: 92 Resp: 355661
 Ion Ratio Lower Upper
 92 100
 91 174.9 137.4 206.0

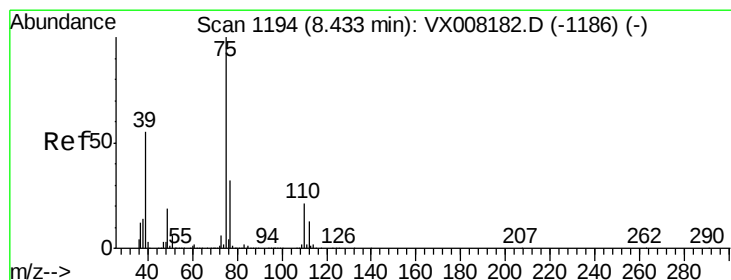
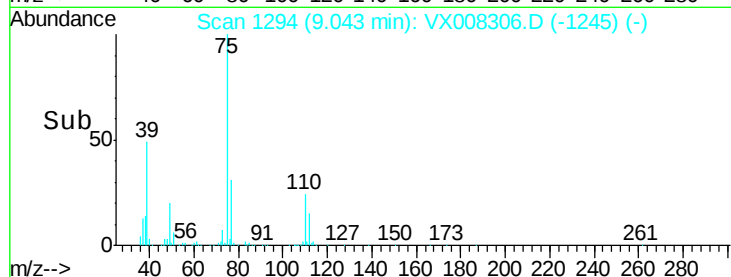
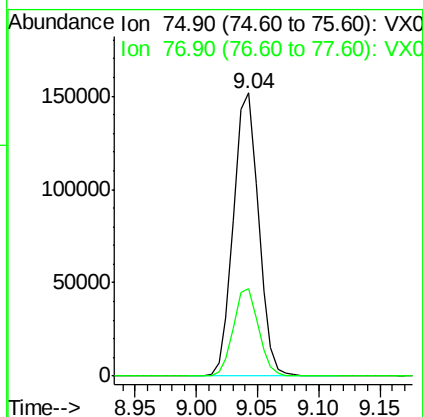
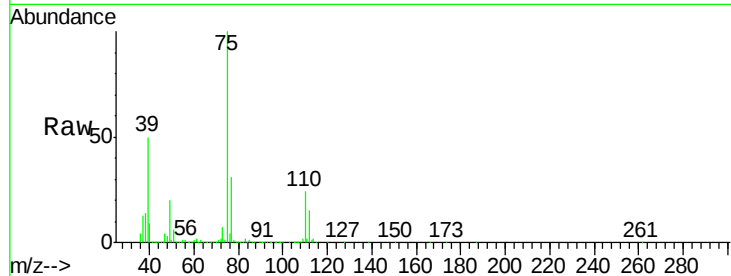




#53
 t-1,3-Dichloropropene
 Concen: 52.113 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

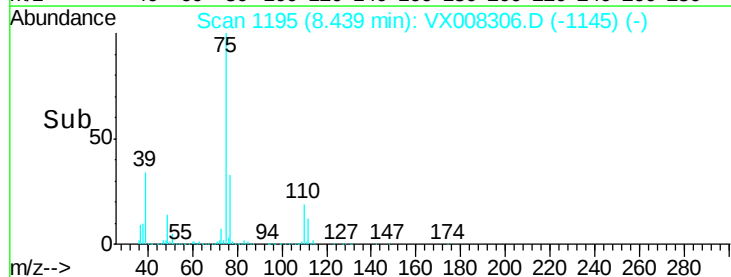
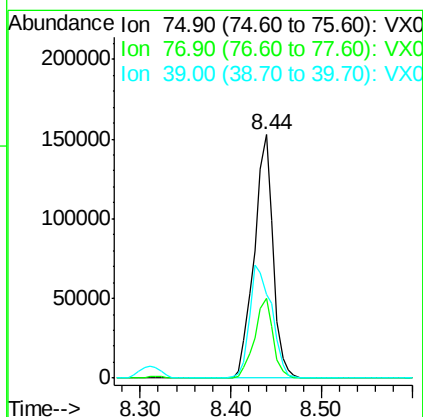
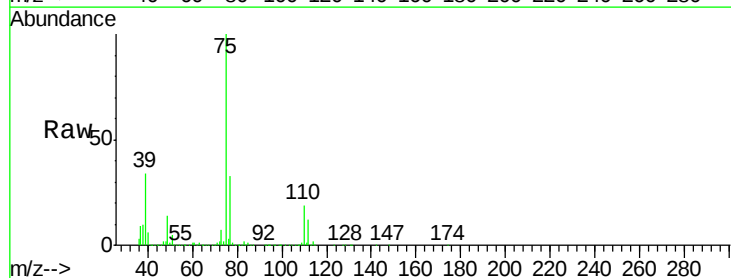
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

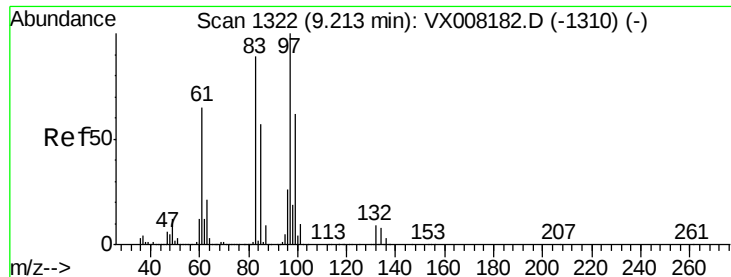
Tot Ion: 75 Resp: 214916
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.020 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

Tgt Ion: 75 Resp: 220515
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.6
 39 34.0 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 62.896 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 97 Resp: 153513

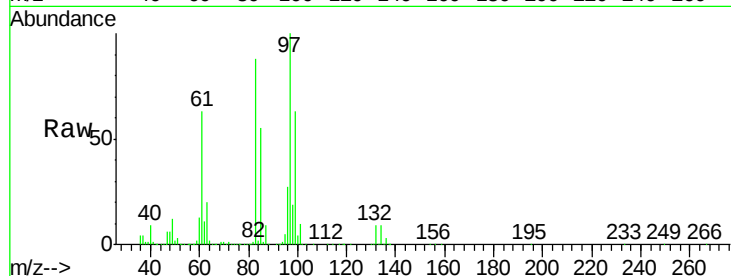
Ion Ratio Lower Upper

97 100

83 87.8 69.1 103.7

85 55.3 44.3 66.5

99 62.7 49.8 74.8

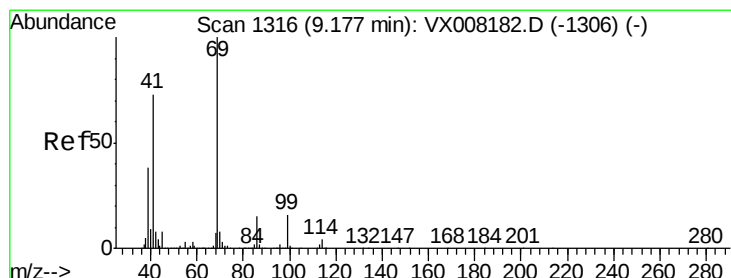
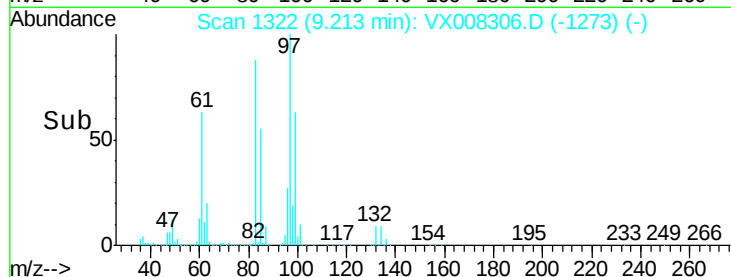
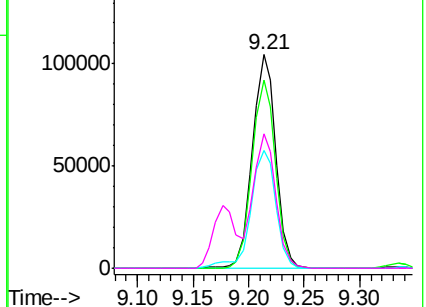


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.346 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

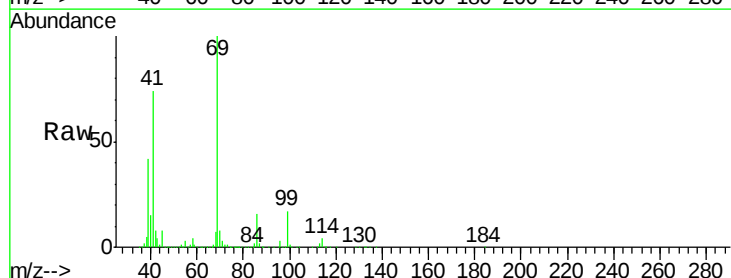
Tgt Ion: 69 Resp: 237193

Ion Ratio Lower Upper

69 100

41 72.1 54.2 81.4

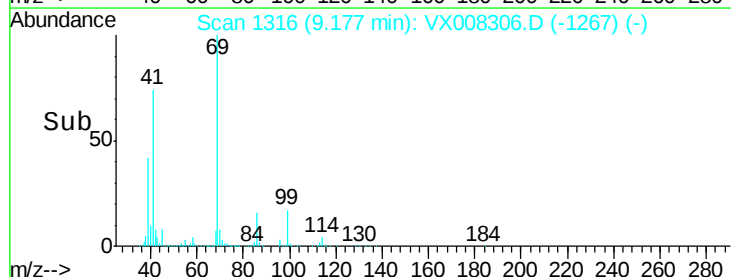
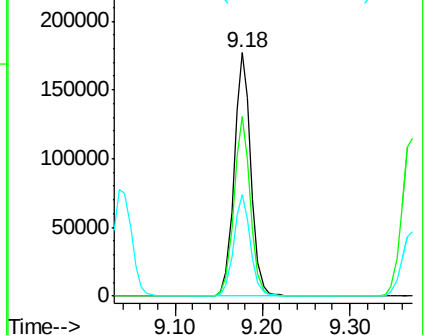
39 41.3 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 58.690 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

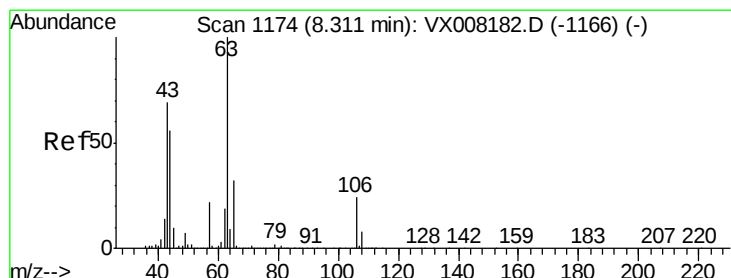
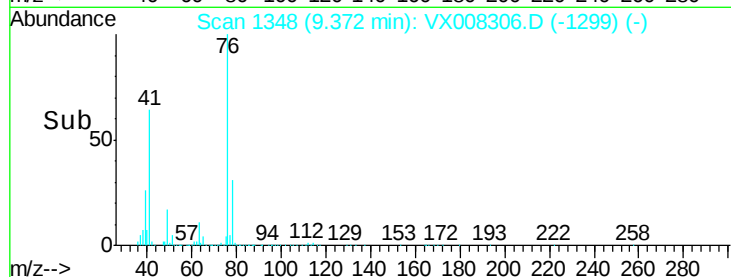
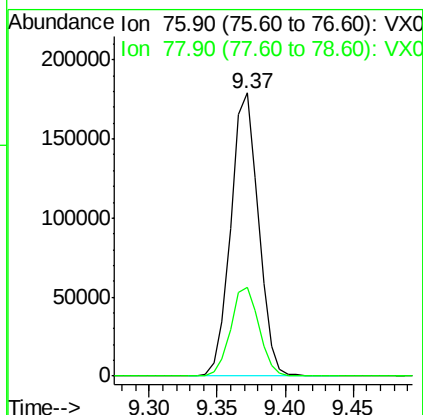
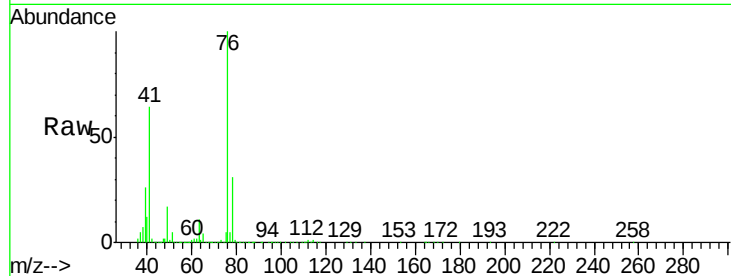
BFB

Tot Ion: 76 Resp: 253406

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 261.281 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008306.D

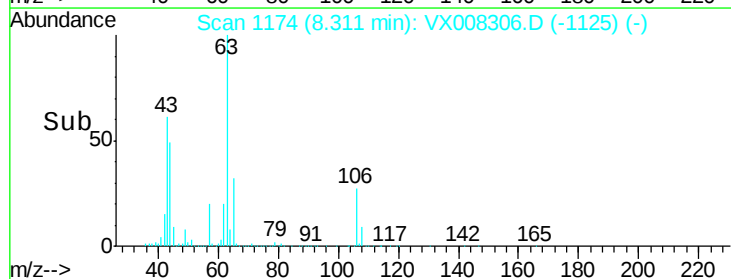
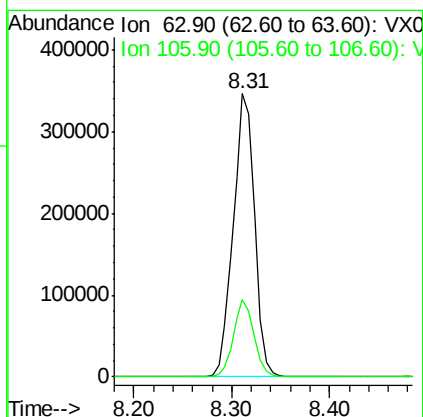
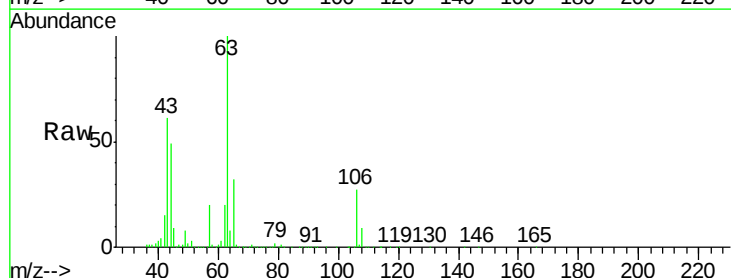
Acq: 21 Mar 2019 22:01

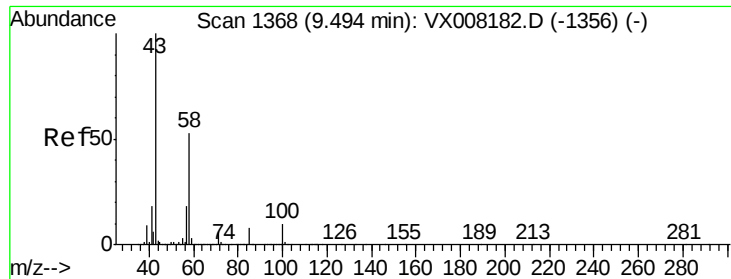
Tgt Ion: 63 Resp: 522506

Ion Ratio Lower Upper

63 100

106 26.2 22.2 33.2

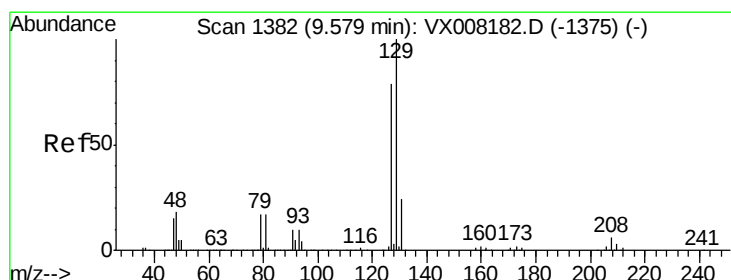
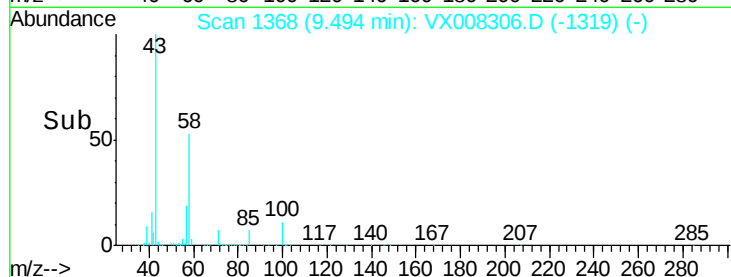
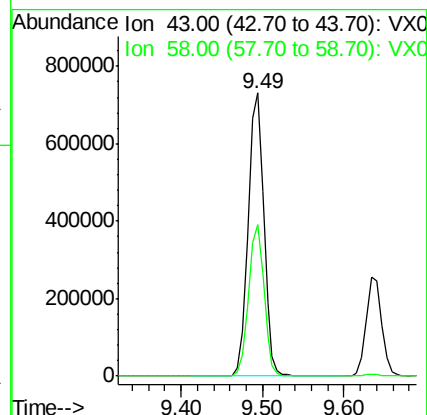
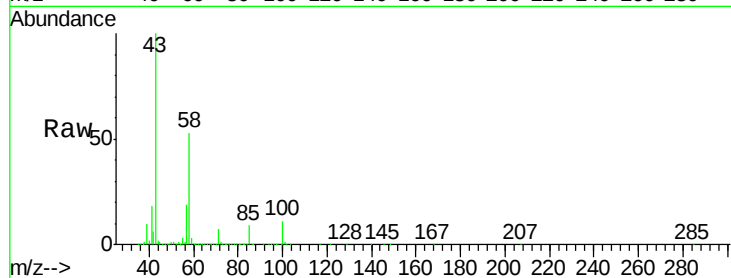




#59
2-Hexanone
Concen: 297.852 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

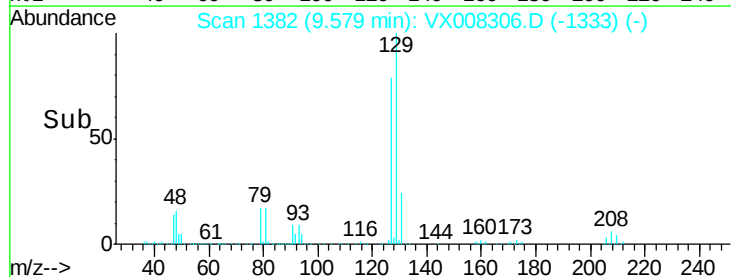
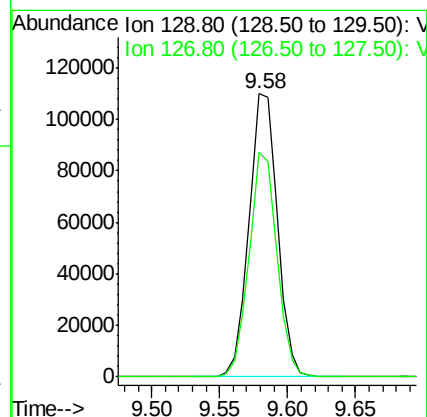
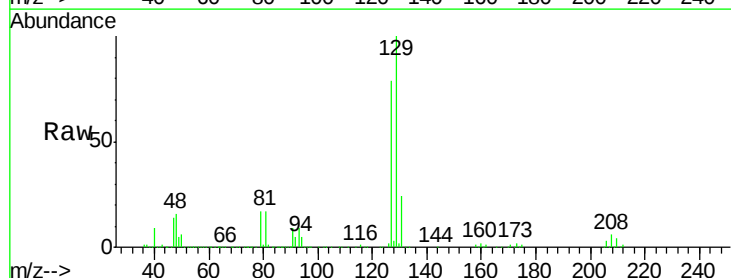
Instrument :
MSVOA_X
ClientSampleId :
BFB

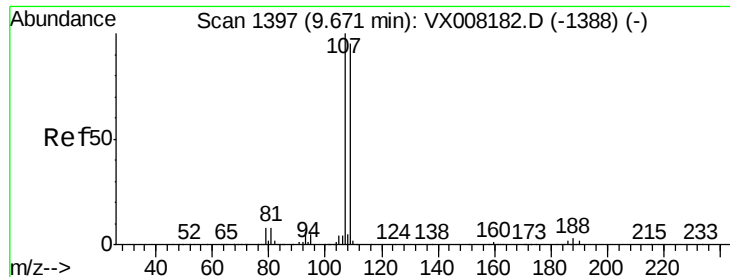
Tot Ion: 43 Resp: 966373
Ion Ratio Lower Upper
43 100
58 53.0 27.6 82.7



#60
Dibromochloromethane
Concen: 68.888 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 129 Resp: 161588
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 63.664 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

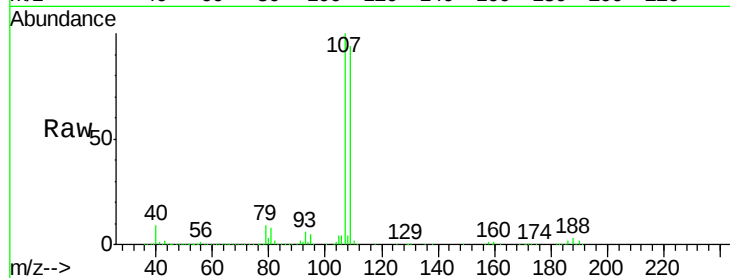
BFB

Tot Ion:107 Resp: 162251

Ion Ratio Lower Upper

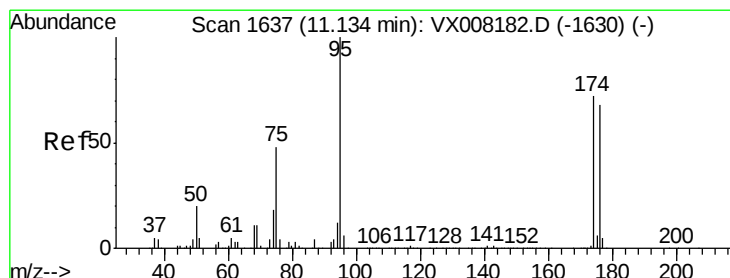
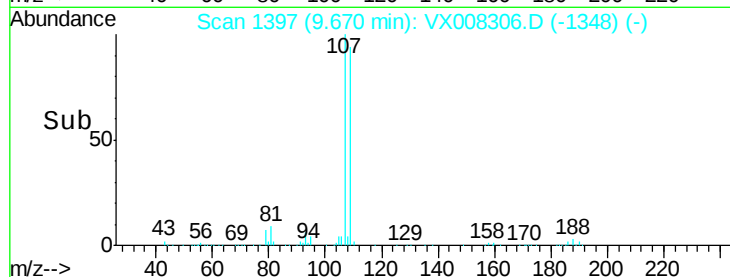
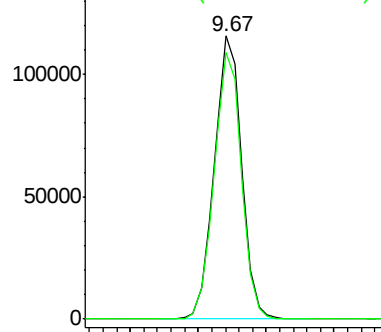
107 100

109 94.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 63.985 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

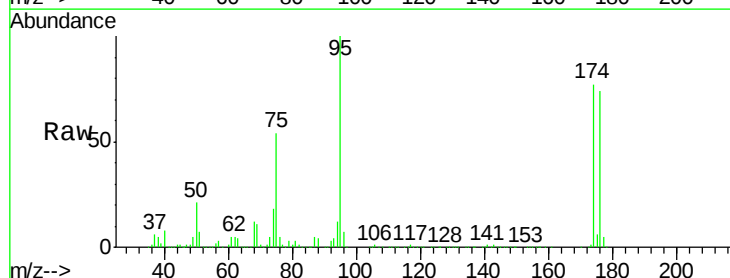
Tgt Ion: 95 Resp: 165231

Ion Ratio Lower Upper

95 100

174 82.7 0.0 182.8

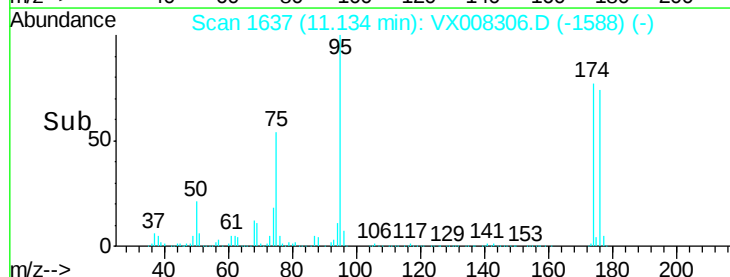
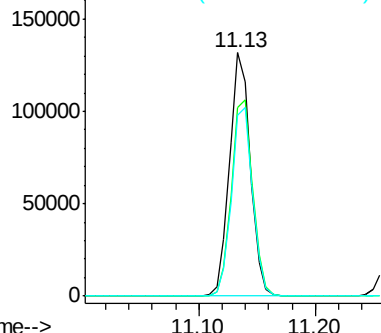
176 79.0 0.0 178.0

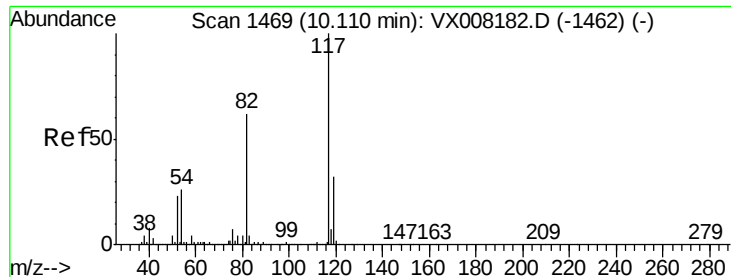


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

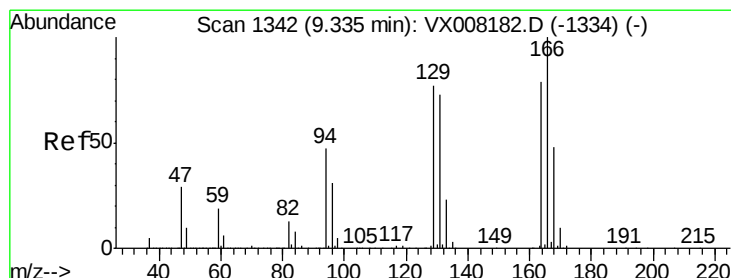
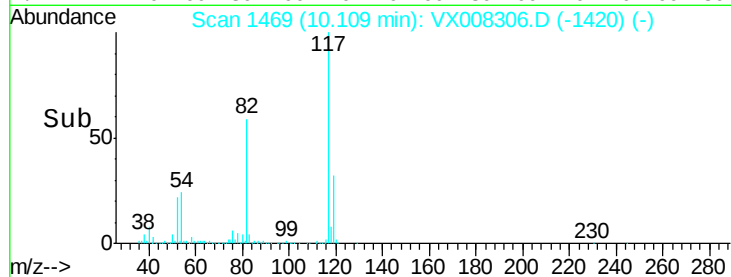
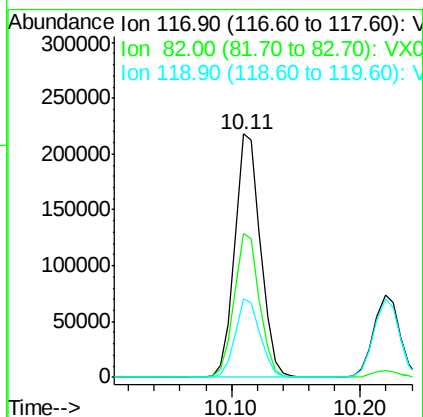
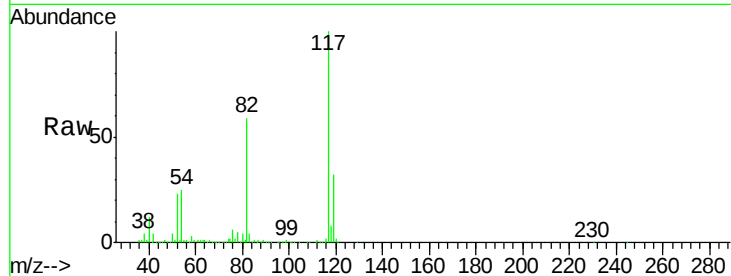




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

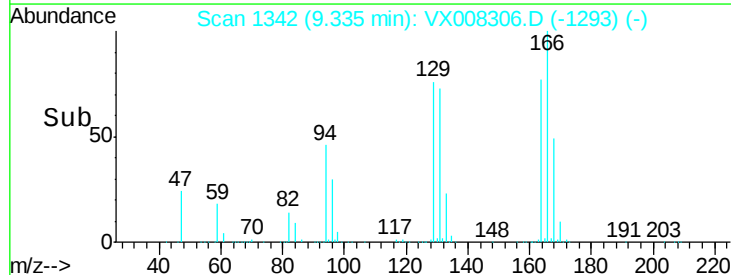
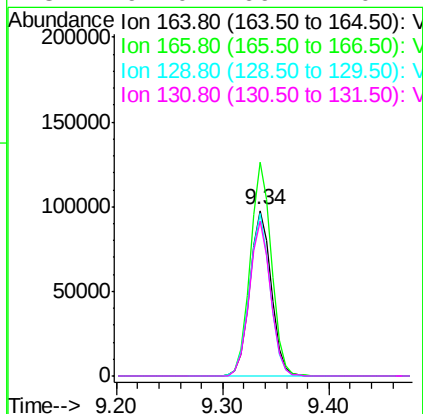
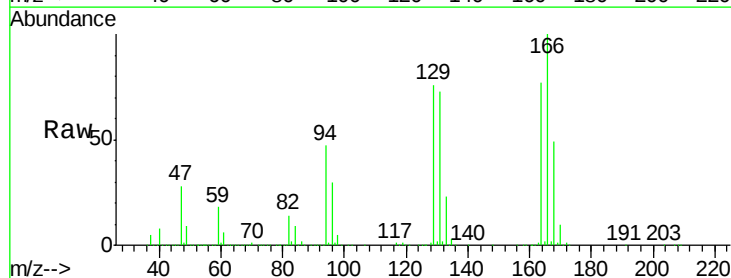
Instrument :
MSVOA_X
ClientSampled :
BFB

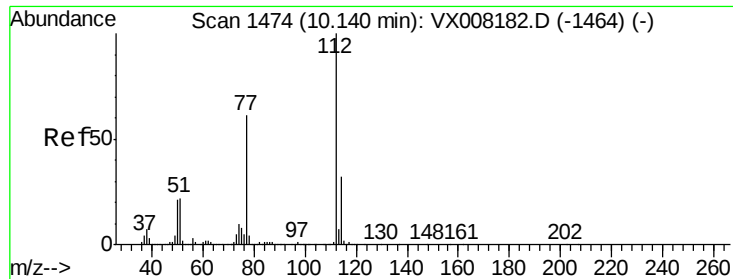
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.3	66.5
119	32.2	25.3	37.9



#64
Tetrachloroethene
Concen: 50.501 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.4	155.0
129	98.1	72.2	108.4
131	94.0	69.4	104.2





#65

Chlorobenzene

Concen: 52.852 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

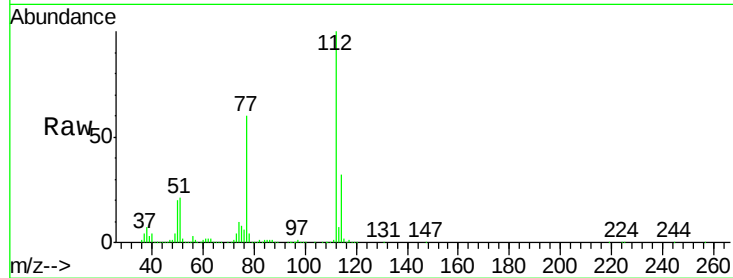
BFB

Tot Ion:112 Resp: 393656

Ion Ratio Lower Upper

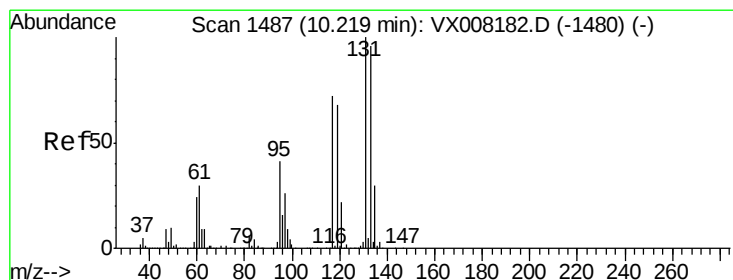
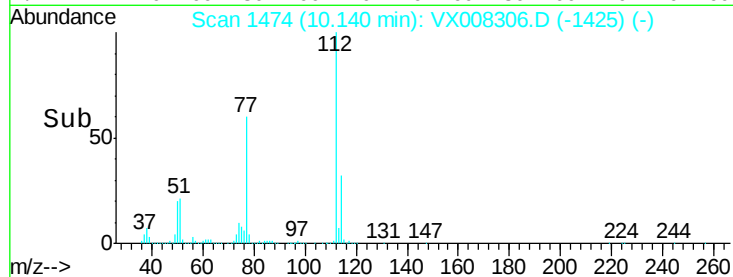
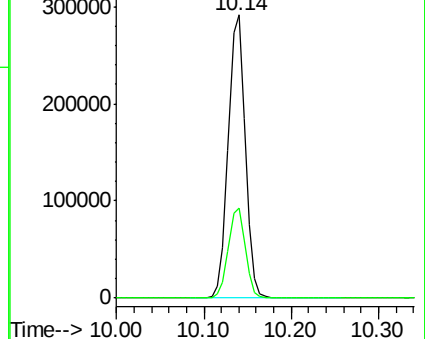
112 100

114 32.0 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.078 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

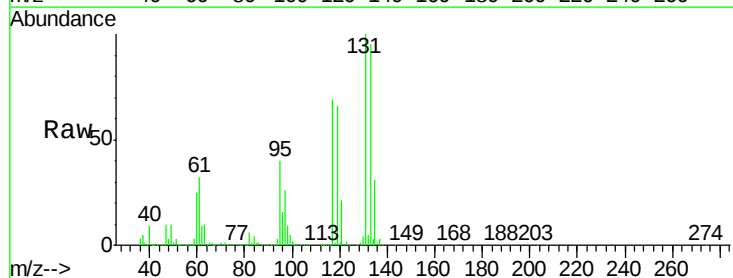
Tgt Ion:131 Resp: 143032

Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

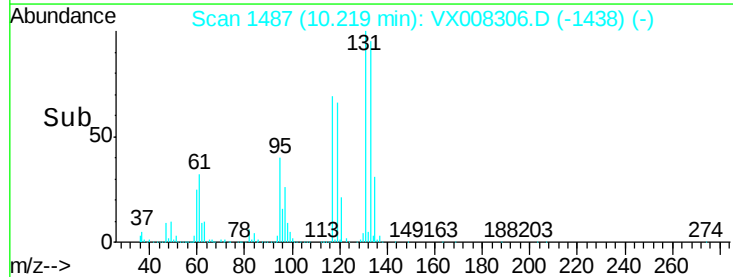
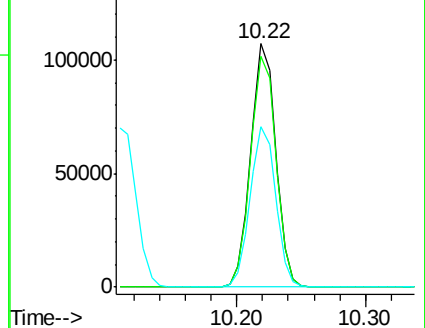
119 66.9 32.5 97.5

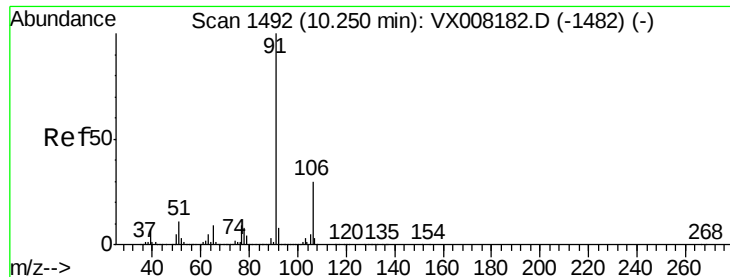


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.840 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

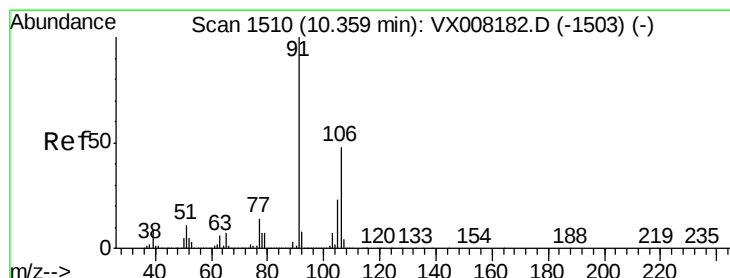
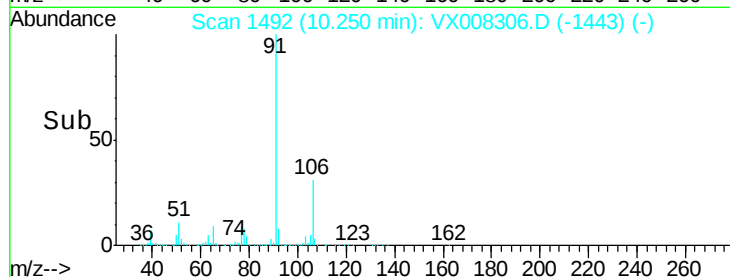
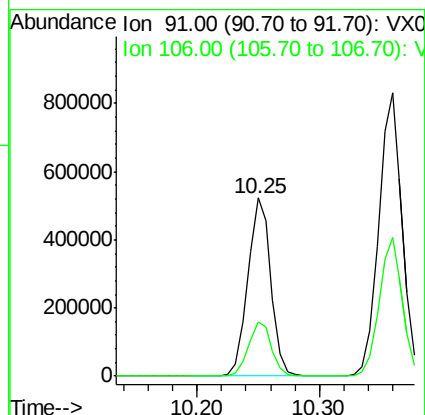
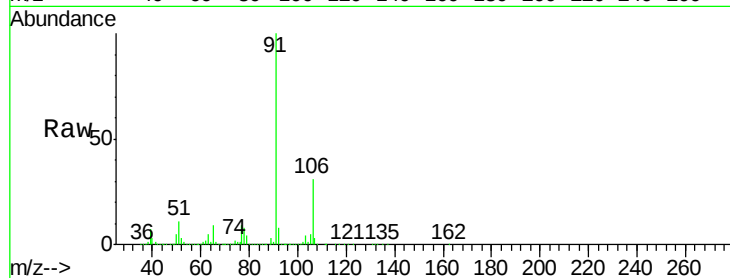
BFB

Tot Ion: 91 Resp: 680416

Ion Ratio Lower Upper

91 100

106 30.6 25.2 37.8



#68

m/p-Xylenes

Concen: 110.280 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008306.D

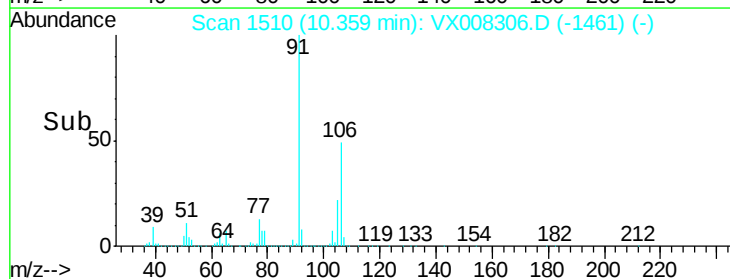
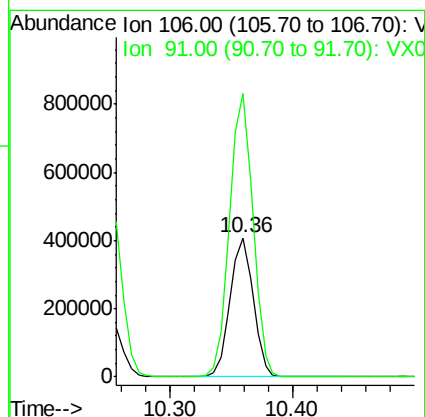
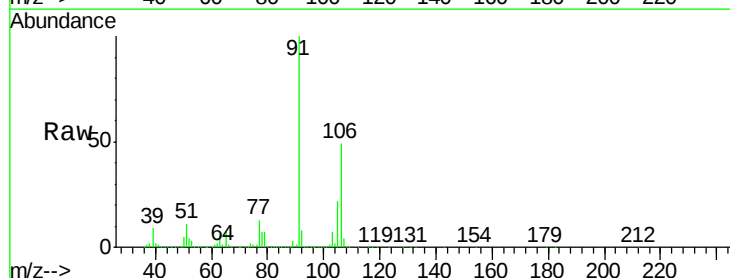
Acq: 21 Mar 2019 22:01

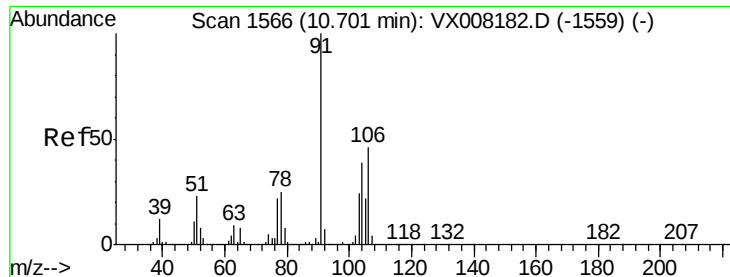
Tgt Ion: 106 Resp: 531713

Ion Ratio Lower Upper

106 100

91 206.1 159.8 239.6

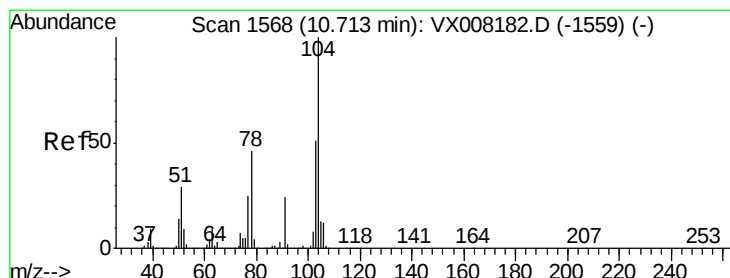
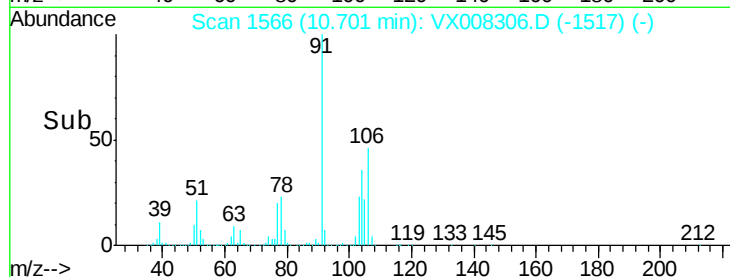
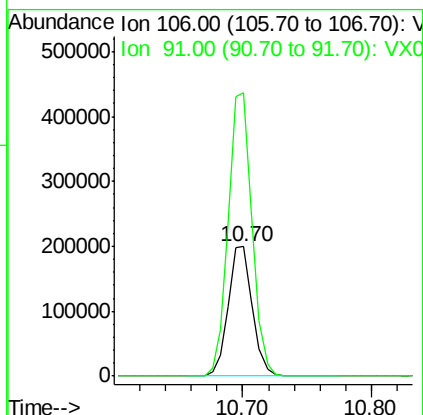
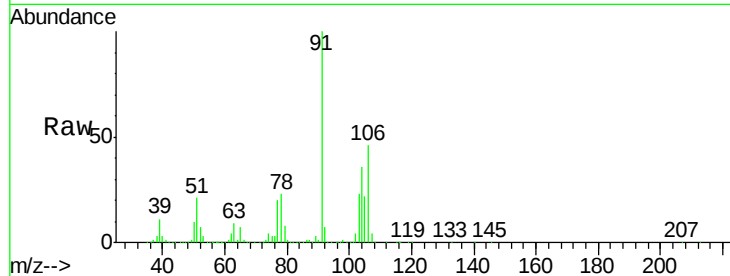




#69
o-Xylene
Concen: 56.029 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

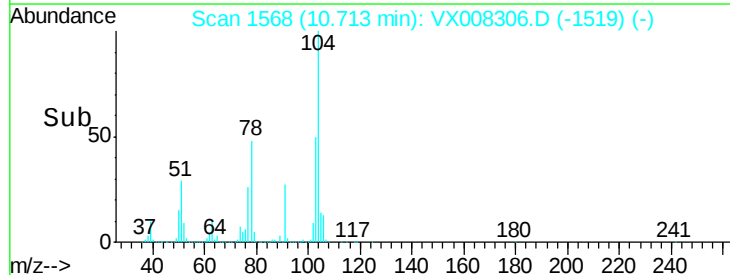
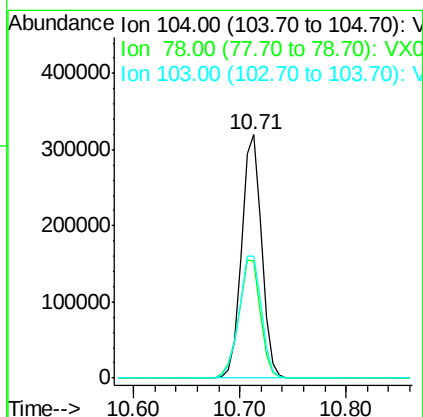
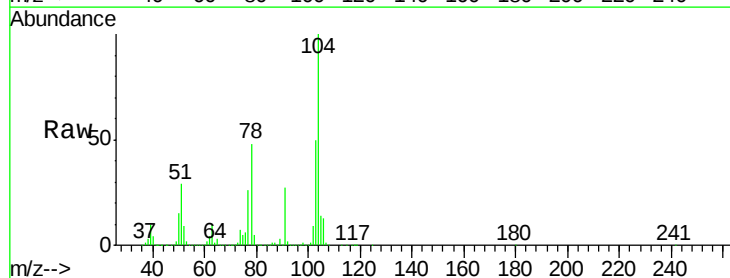
Instrument :
MSVOA_X
ClientSampled :
BFB

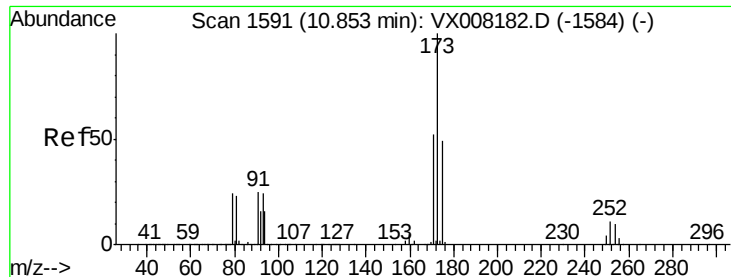
Tot Ion:106 Resp: 262500
Ion Ratio Lower Upper
106 100
91 217.1 106.3 318.9



#70
Styrene
Concen: 55.417 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion:104 Resp: 421946
Ion Ratio Lower Upper
104 100
78 53.4 38.5 57.7
103 56.4 44.1 66.1

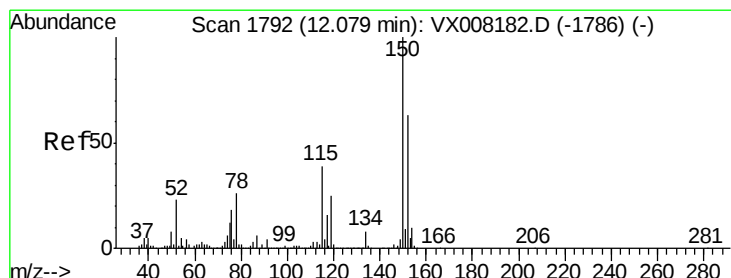
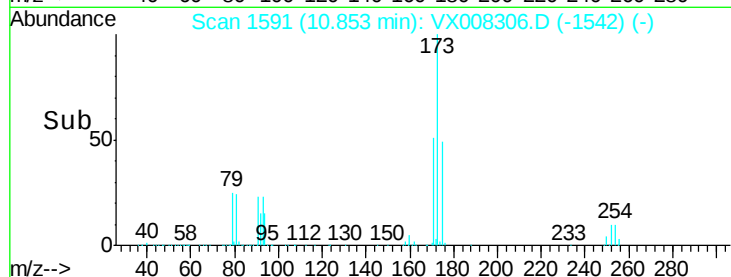
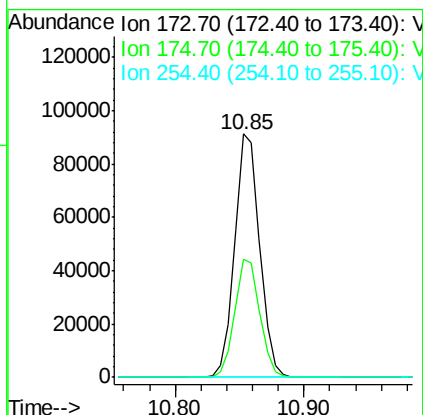
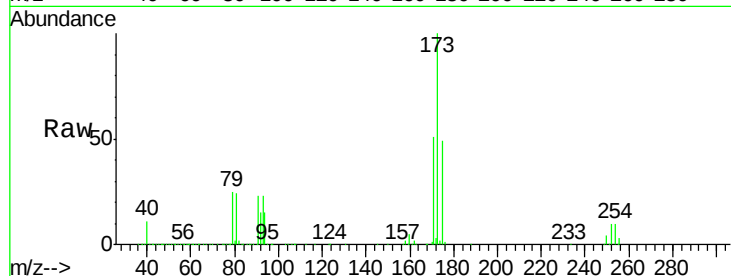




#71
Bromoform
Concen: 54.842 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

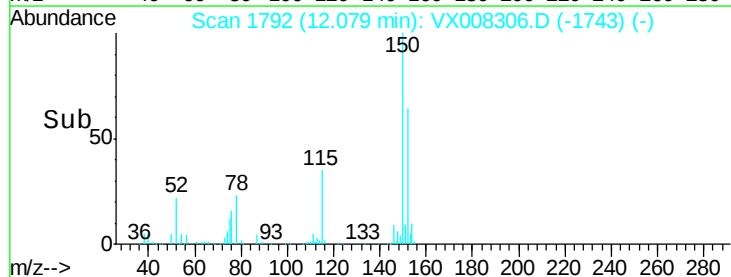
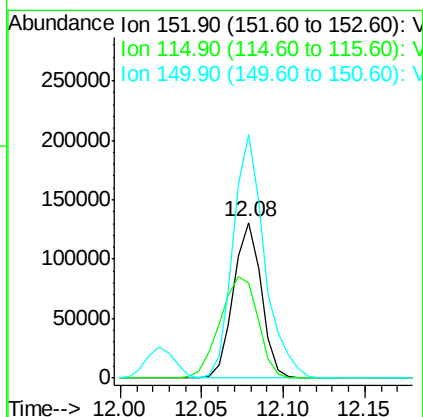
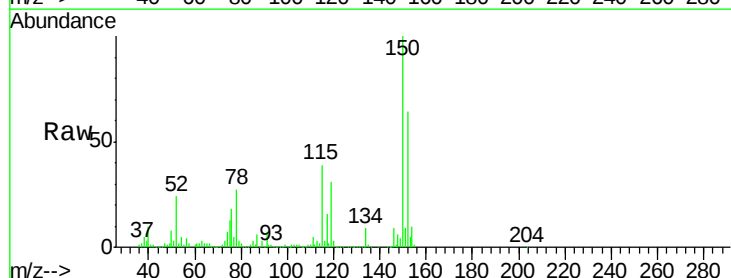
Instrument :
MSVOA_X
ClientSampleId :
BFB

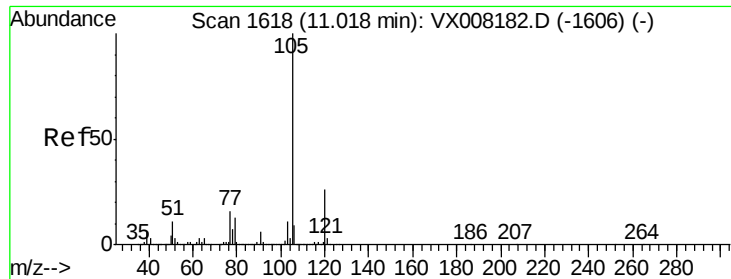
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.9
254	0.2	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	89.2	38.6	115.7
150	176.1	0.0	348.4





#73

Isopropylbenzene

Concen: 51.271 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

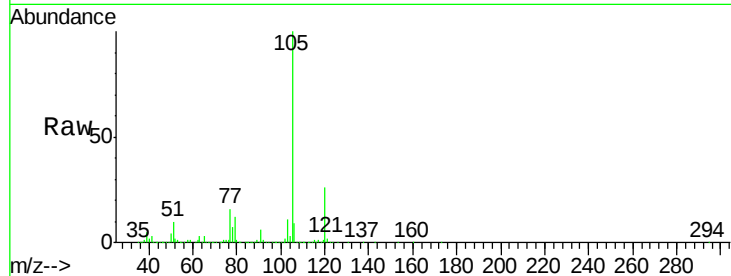
BFB

Tot Ion:105 Resp: 710951

Ion Ratio Lower Upper

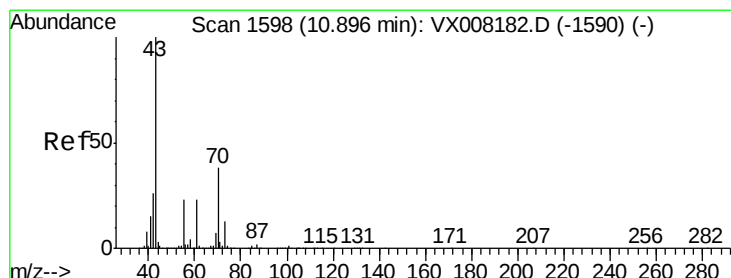
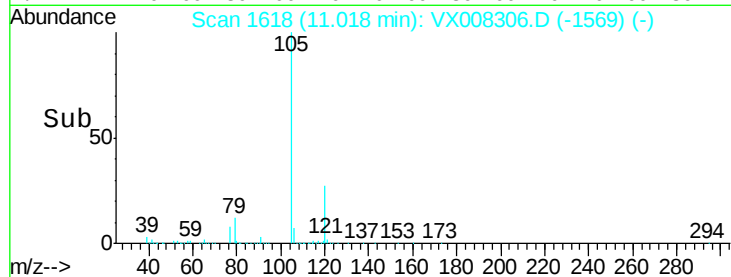
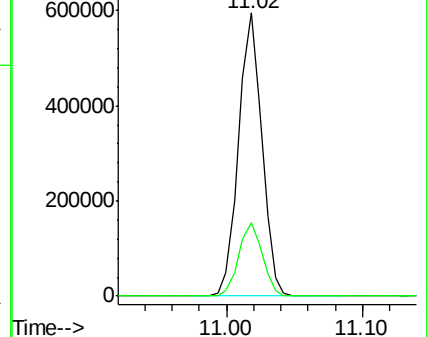
105 100

120 26.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.425 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Tgt Ion: 43 Resp: 351812

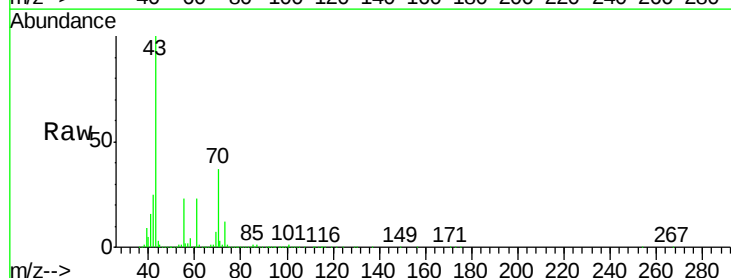
Ion Ratio Lower Upper

43 100

70 39.0 33.5 50.3

55 23.5 19.2 28.8

61 23.2 19.0 28.6

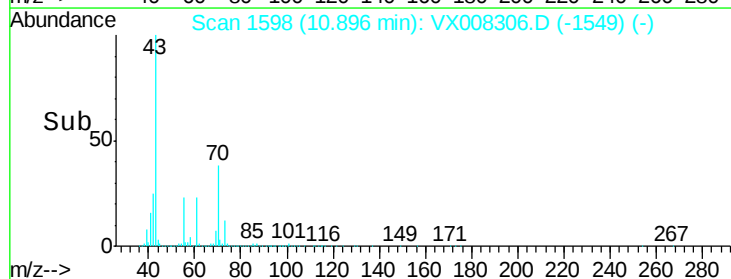
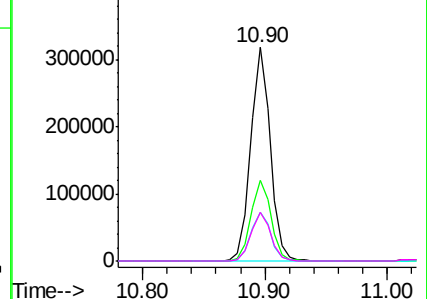


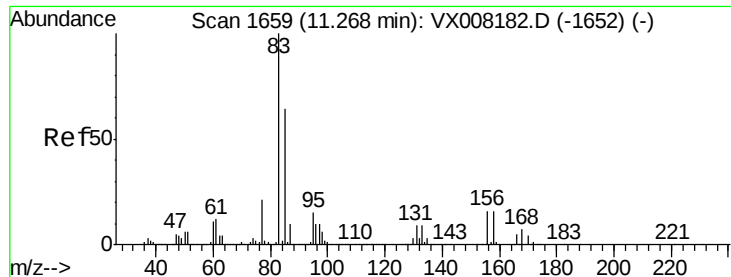
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.476 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

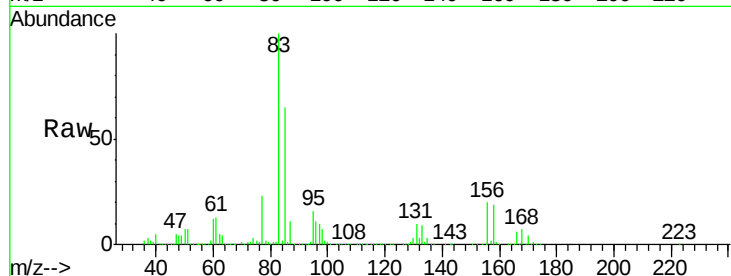
Tot Ion: 83 Resp: 250983

Ion Ratio Lower Upper

83 100

131 9.6 5.4 16.2

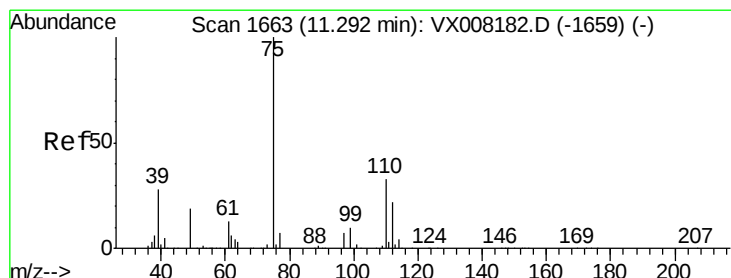
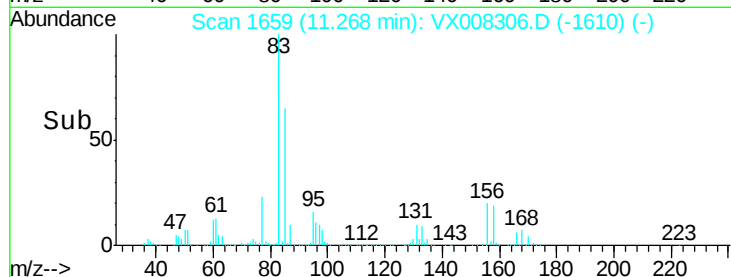
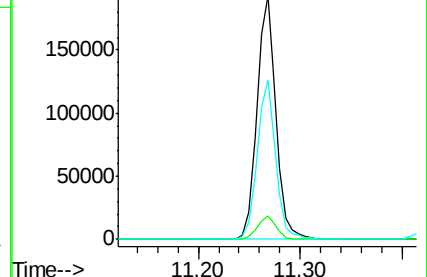
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.925 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008306.D

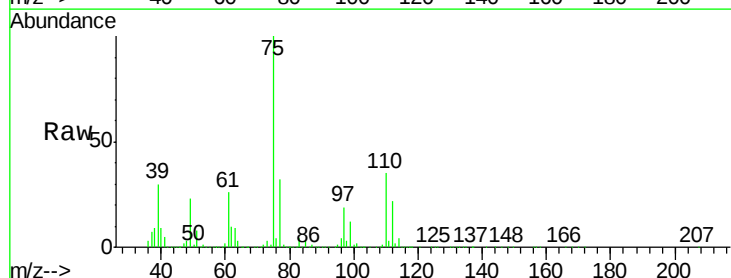
Acq: 21 Mar 2019 22:01

Tgt Ion: 75 Resp: 292830

Ion Ratio Lower Upper

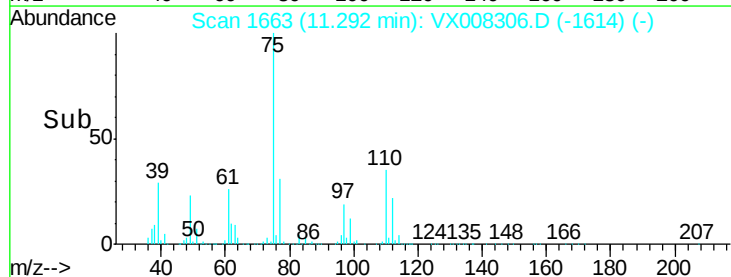
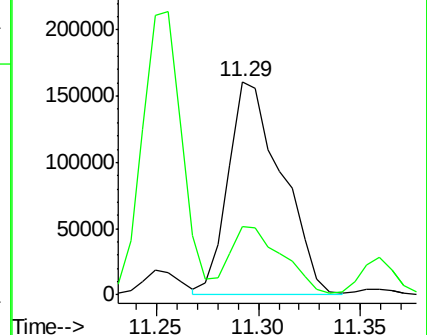
75 100

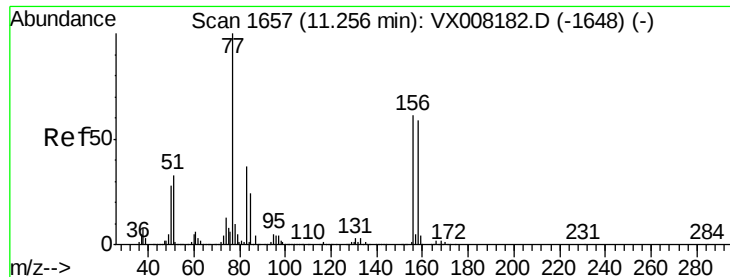
77 32.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.793 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

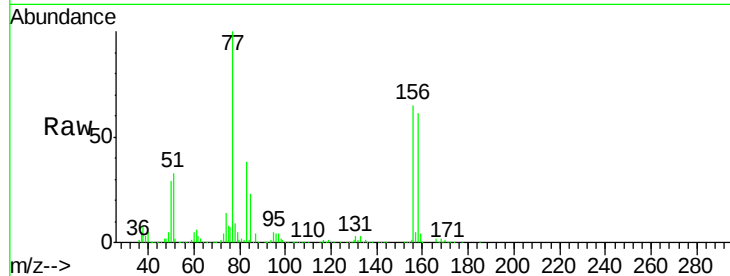
Tot Ion:156 Resp: 173645

Ion Ratio Lower Upper

156 100

77 165.0 72.0 215.9

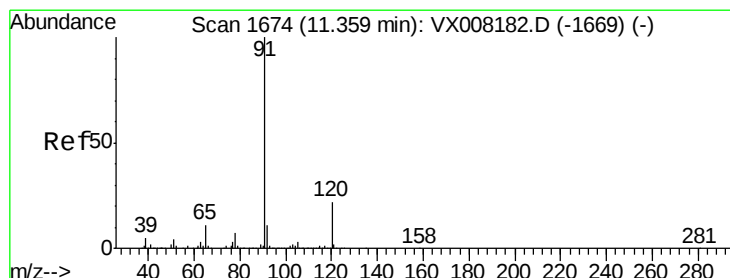
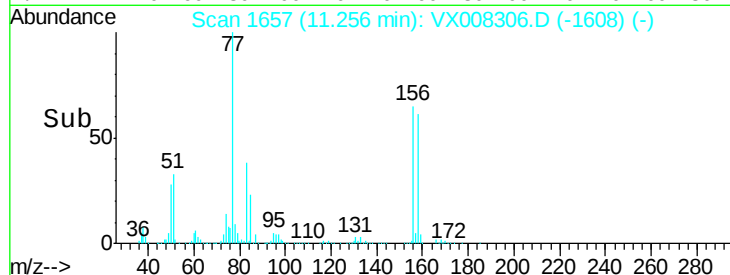
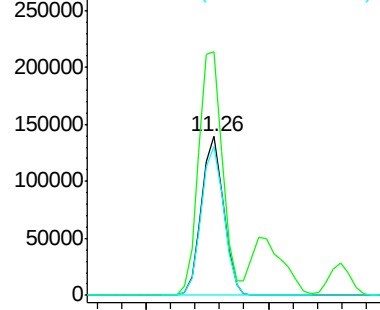
158 95.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.821 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008306.D

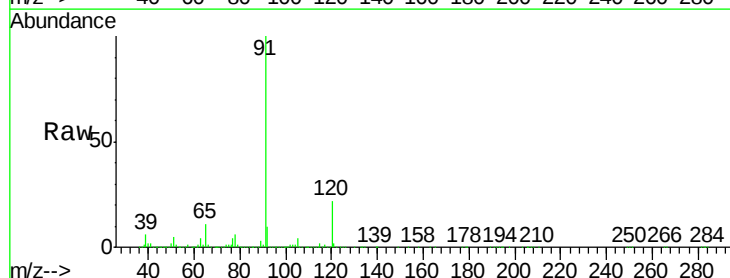
Acq: 21 Mar 2019 22:01

Tgt Ion: 91 Resp: 818495

Ion Ratio Lower Upper

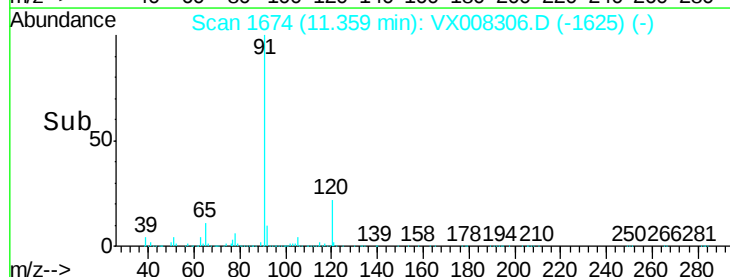
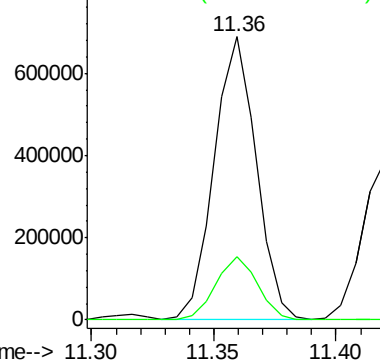
91 100

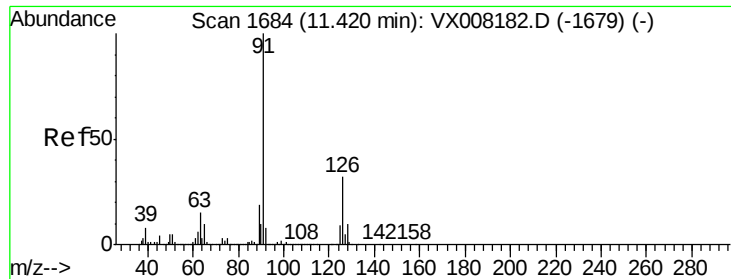
120 22.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.821 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

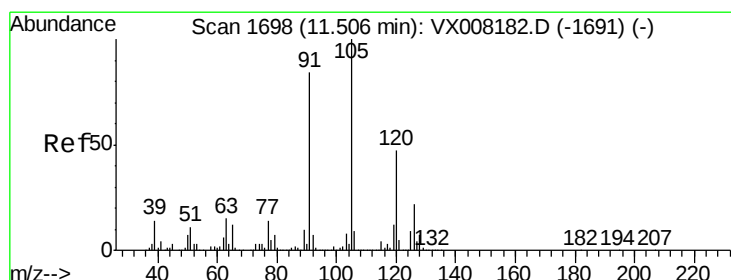
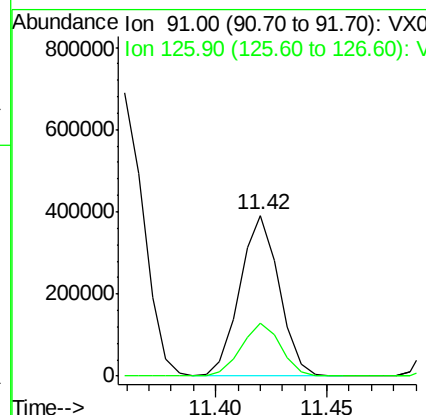
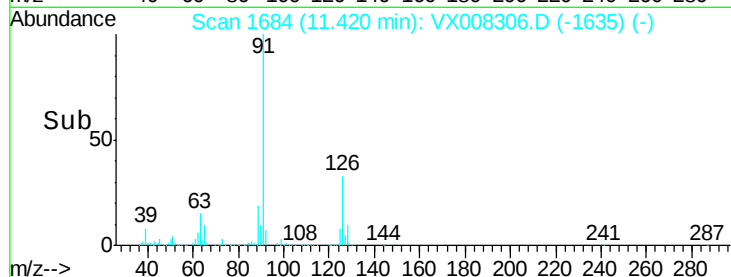
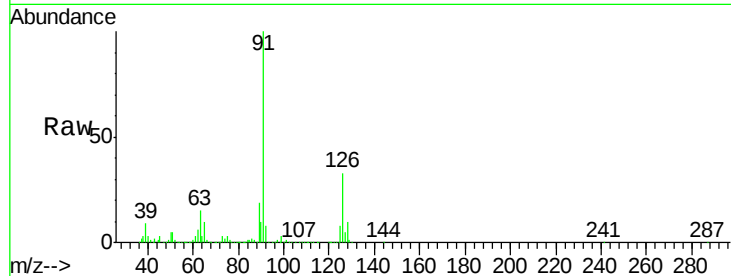
BFB

Tot Ion: 91 Resp: 481603

Ion Ratio Lower Upper

91 100

126 33.2 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 51.842 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008306.D

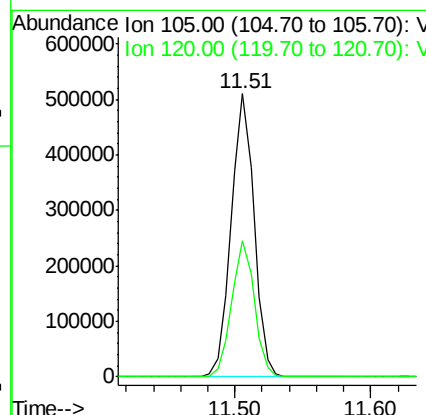
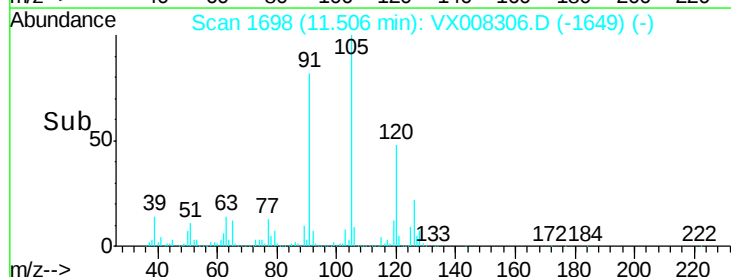
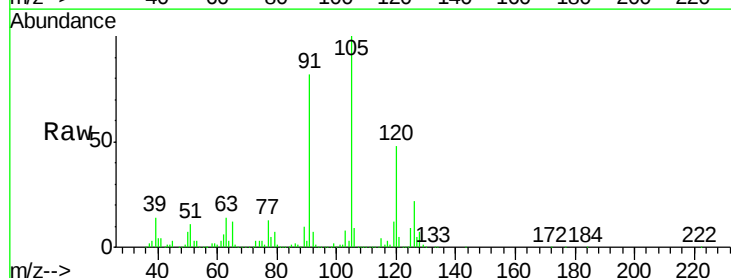
Acq: 21 Mar 2019 22:01

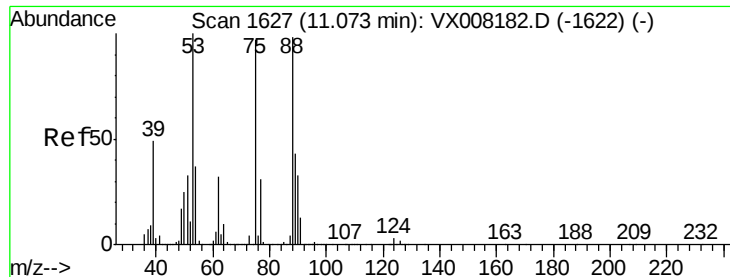
Tgt Ion: 105 Resp: 593907

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 42.454 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

BFB

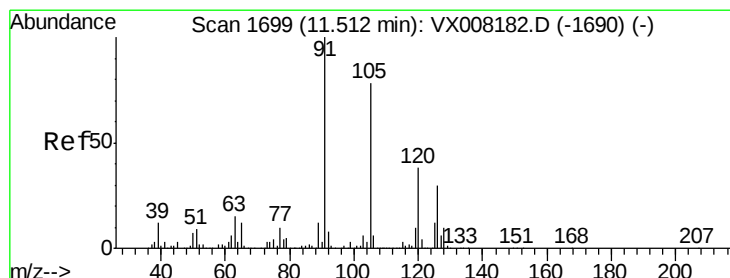
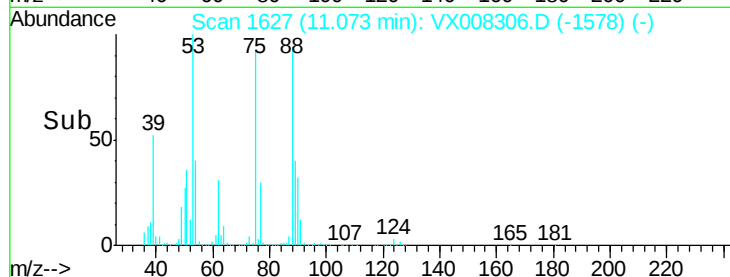
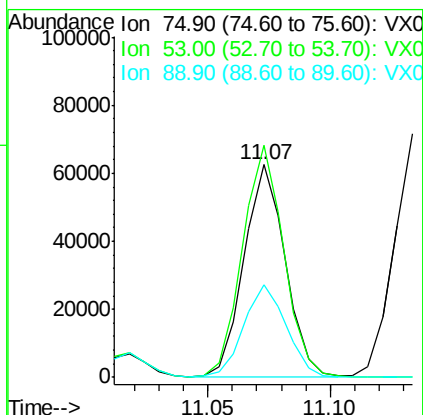
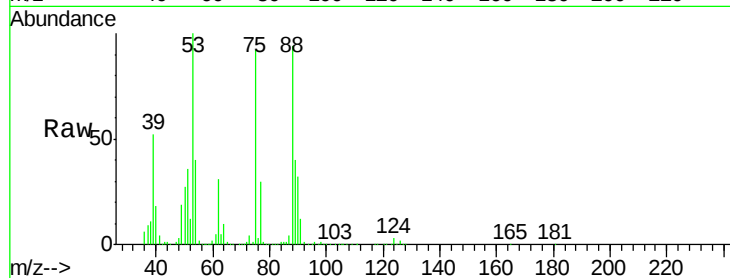
Tot Ion: 75 Resp: 72484

Ion Ratio Lower Upper

75 100

53 109.8 76.1 114.1

89 45.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 50.465 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008306.D

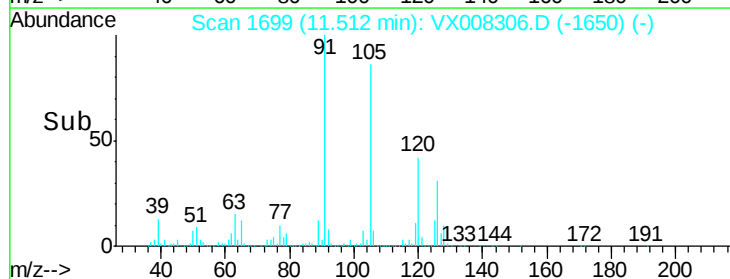
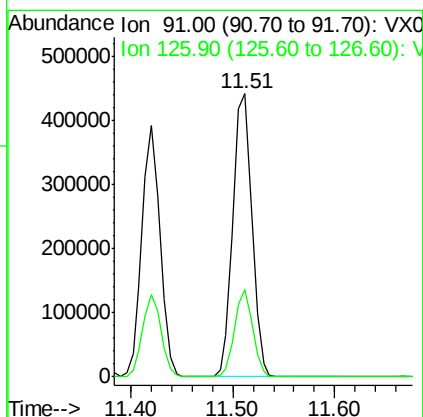
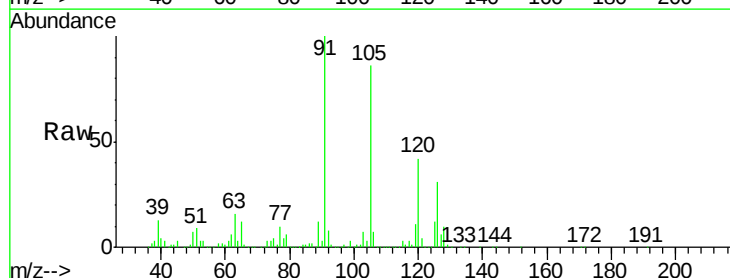
Acq: 21 Mar 2019 22:01

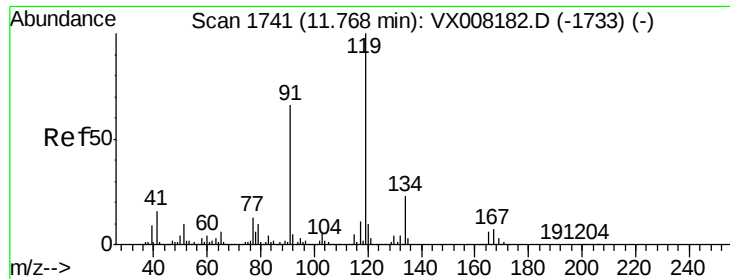
Tgt Ion: 91 Resp: 567663

Ion Ratio Lower Upper

91 100

126 29.1 15.6 46.8





#83

tert-Butylbenzene

Concen: 52.118 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

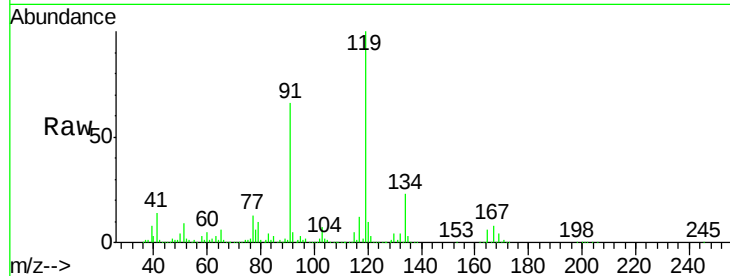
Tot Ion:119 Resp: 570034

Ion Ratio Lower Upper

119 100

91 61.0 27.1 81.3

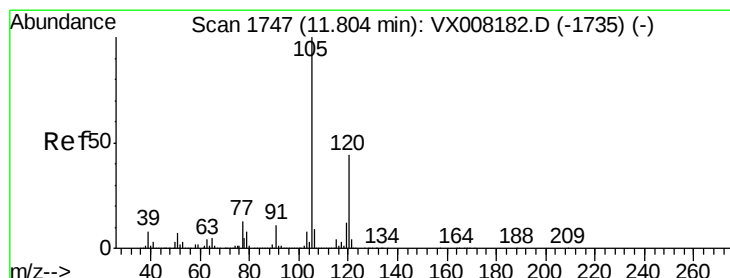
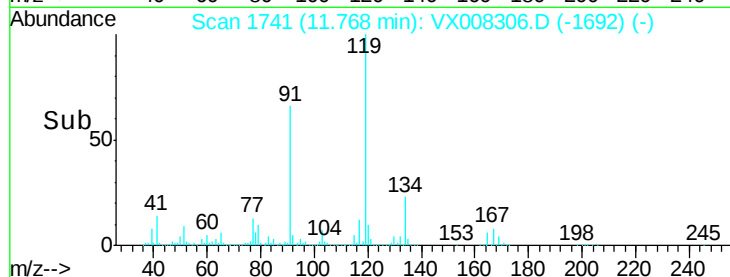
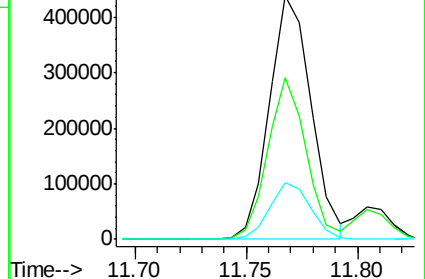
134 22.7 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.916 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008306.D

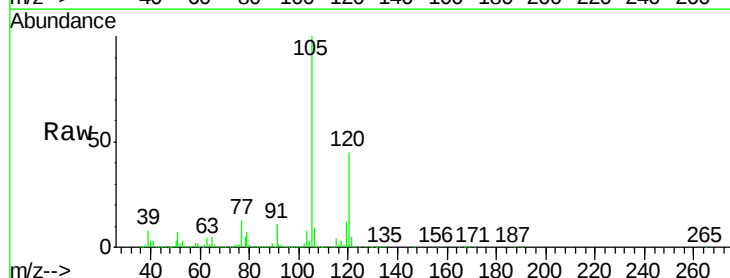
Acq: 21 Mar 2019 22:01

Tgt Ion:105 Resp: 602948

Ion Ratio Lower Upper

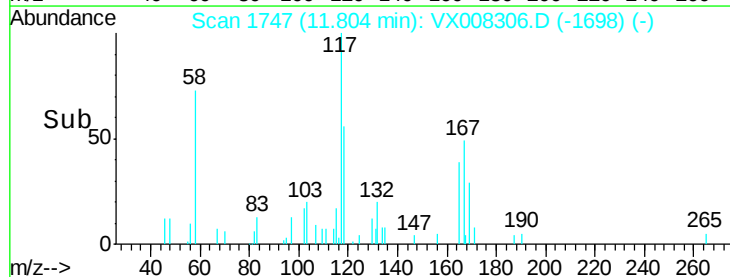
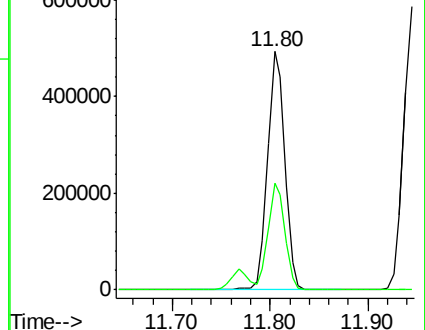
105 100

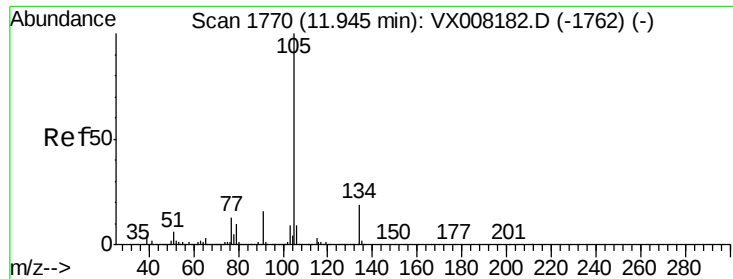
120 43.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.610 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

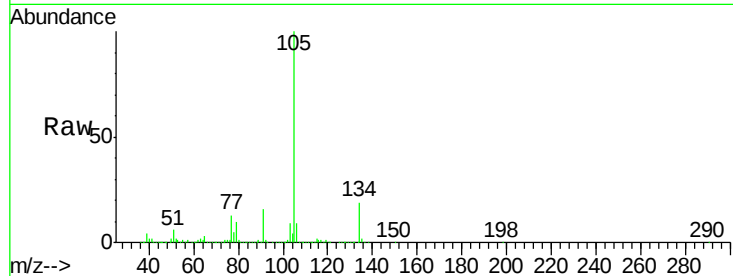
BFB

Tot Ion:105 Resp: 699038

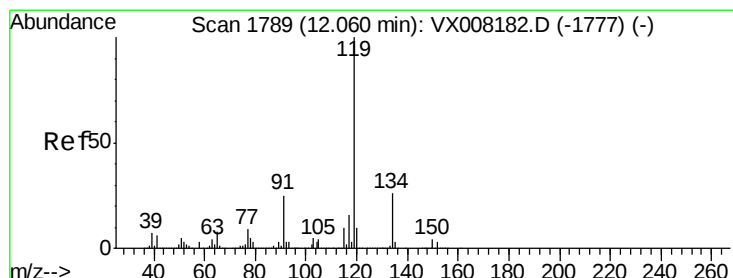
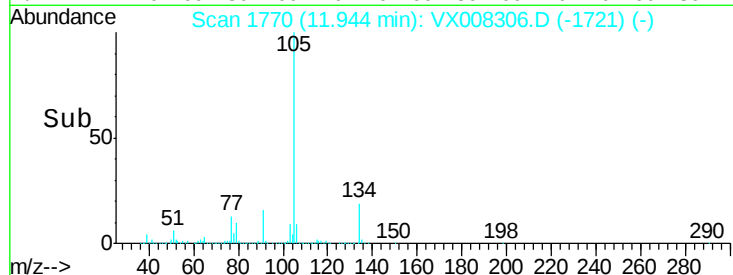
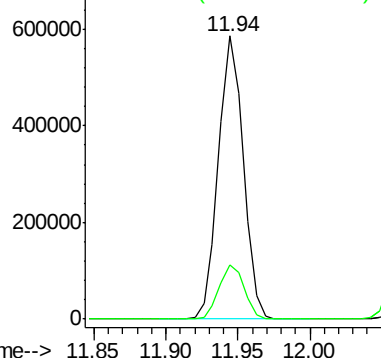
Ion Ratio Lower Upper

105 100

134 19.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.464 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

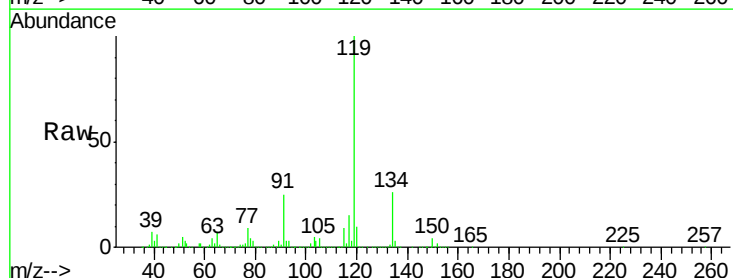
Tgt Ion:119 Resp: 615106

Ion Ratio Lower Upper

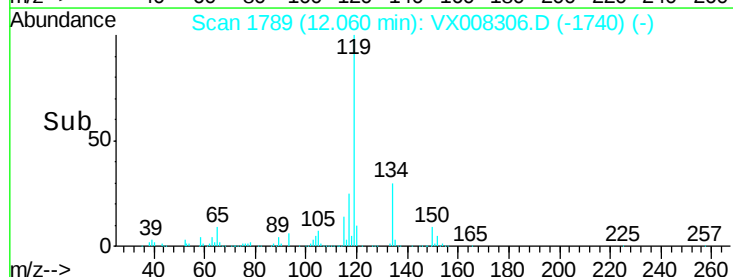
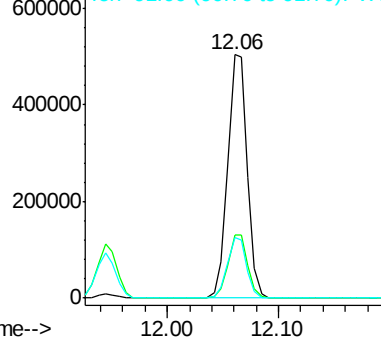
119 100

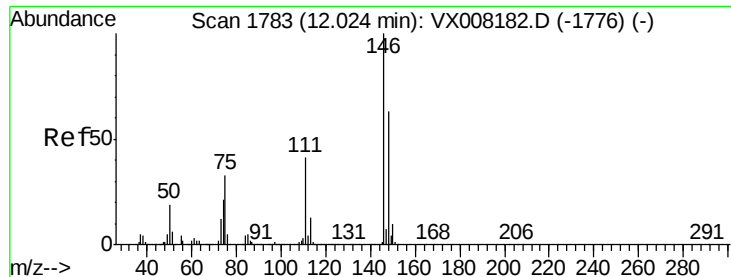
134 26.0 13.3 39.9

91 24.4 10.9 32.7



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





#87

1,3-Dichlorobenzene

Concen: 51.330 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

BFB

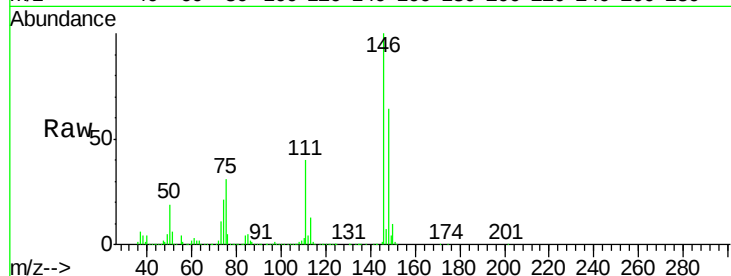
Tot Ion:146 Resp: 307555

Ion Ratio Lower Upper

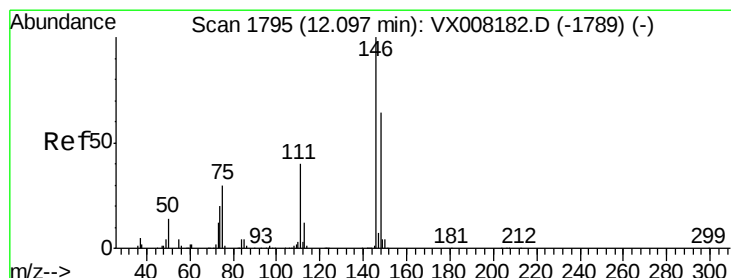
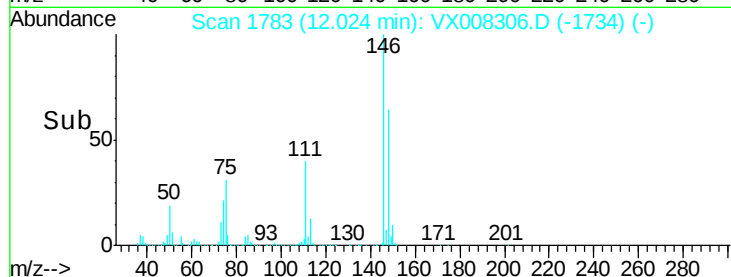
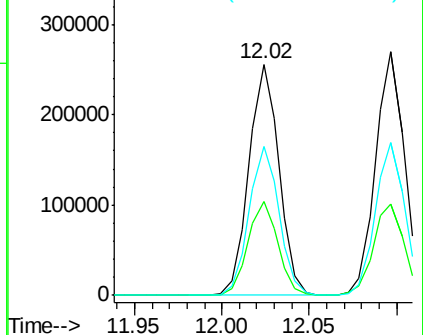
146 100

111 40.4 18.9 56.7

148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.989 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

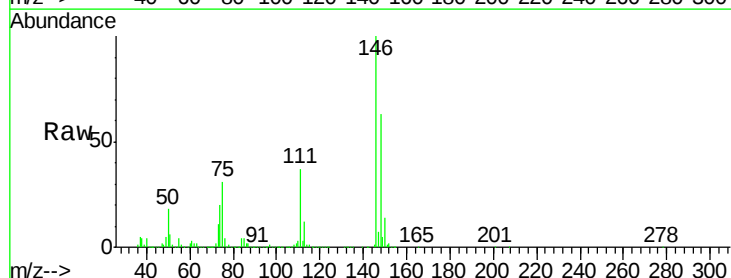
Tgt Ion:146 Resp: 309819

Ion Ratio Lower Upper

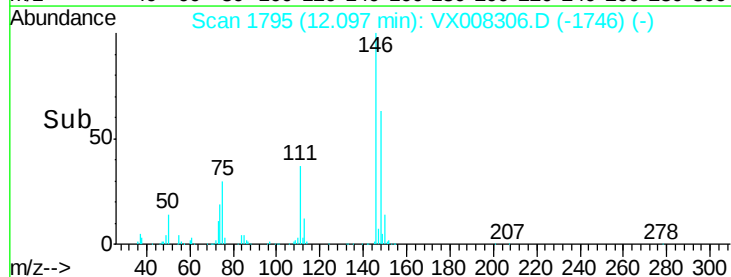
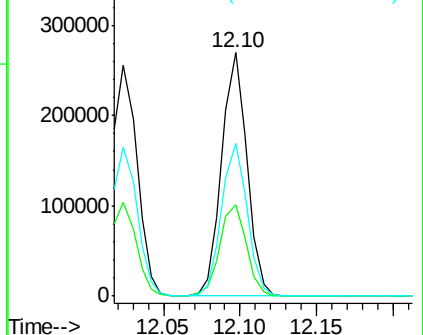
146 100

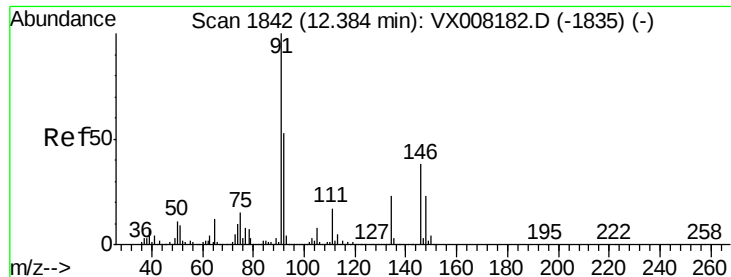
111 39.4 18.4 55.0

148 64.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

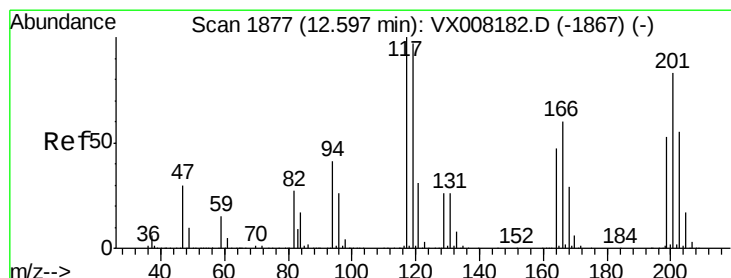
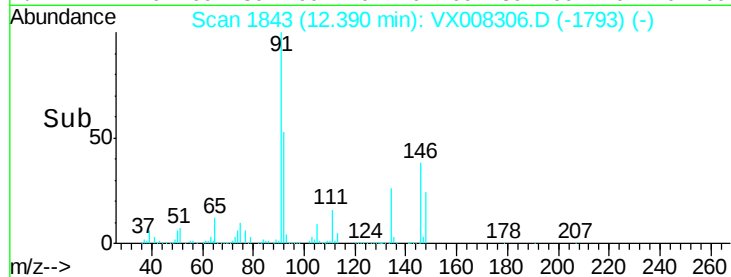
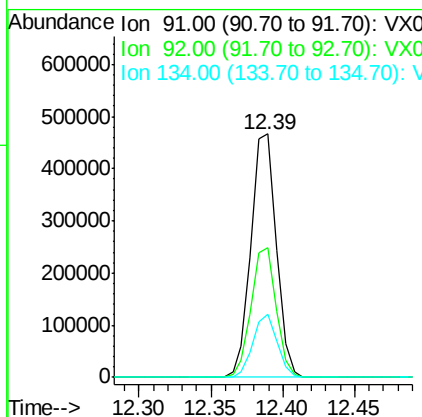
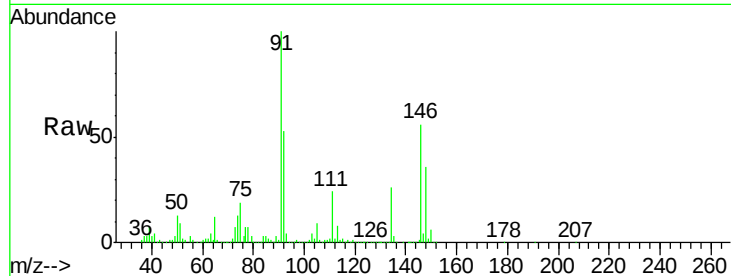




#89
n-Butylbenzene
Concen: 51.275 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

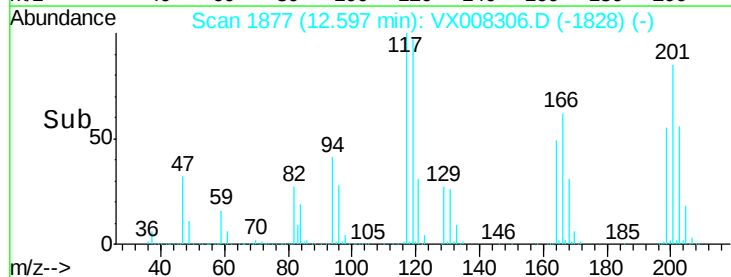
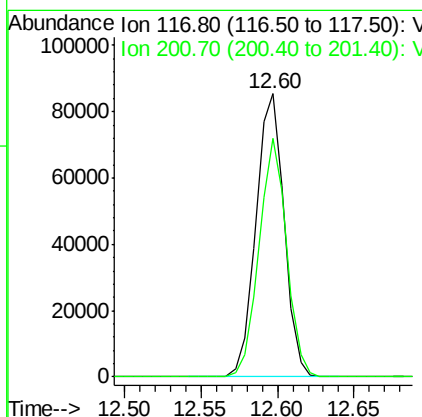
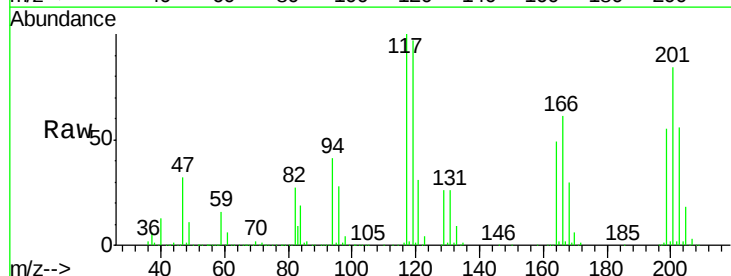
Instrument :
MSVOA_X
ClientSampled :
BFB

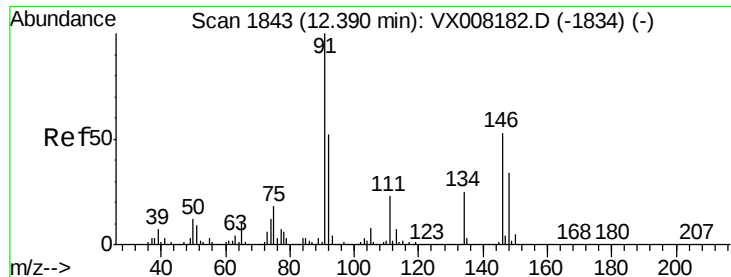
Tot Ion: 91 Resp: 564240
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 24.9 13.7 41.0



#90
Hexachloroethane
Concen: 54.877 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008306.D
Acq: 21 Mar 2019 22:01

Tgt Ion: 117 Resp: 109577
Ion Ratio Lower Upper
117 100
201 82.5 48.9 146.7

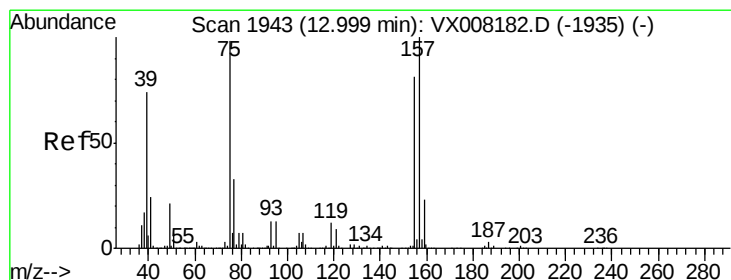
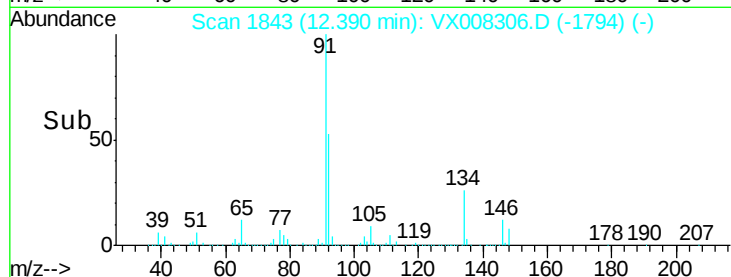
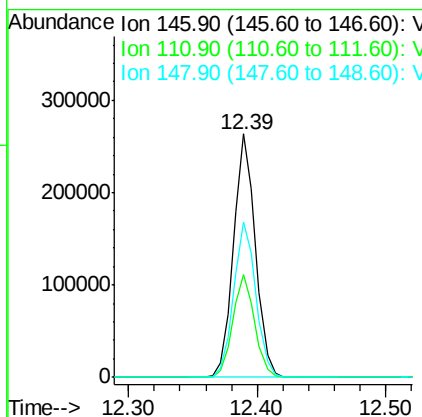
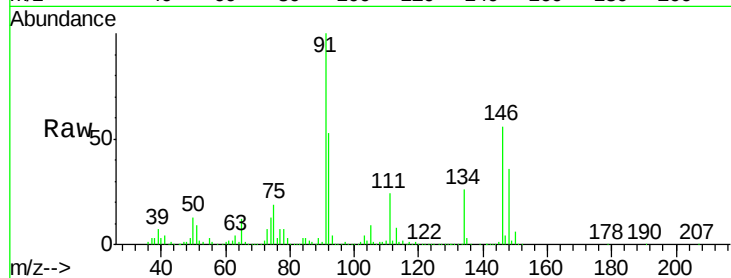




#91
 1,2-Dichlorobenzene
 Concen: 51.904 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

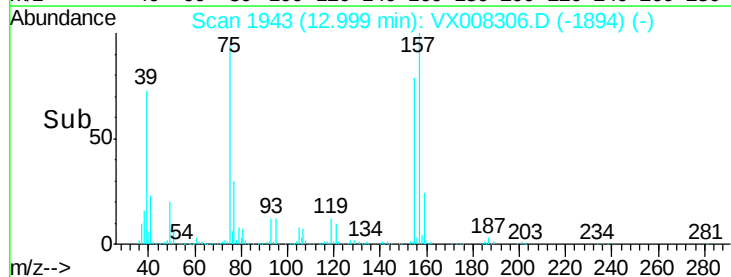
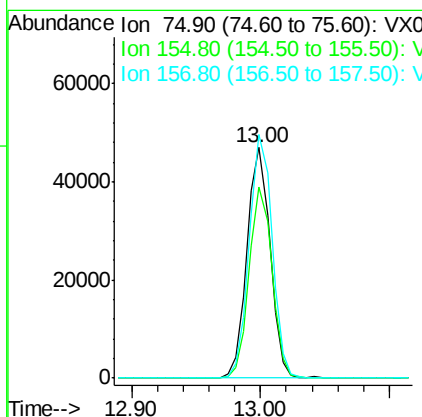
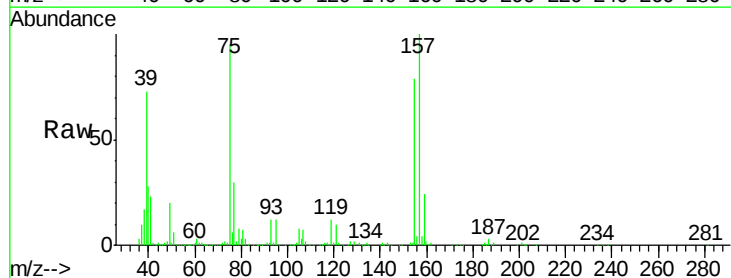
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

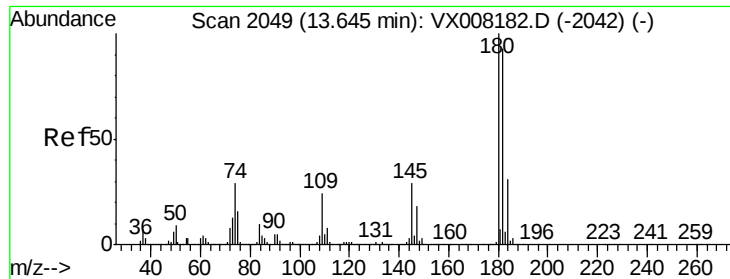
Tot Ion:146 Resp: 313577
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.6 58.8
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.251 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

Tgt Ion: 75 Resp: 57705
 Ion Ratio Lower Upper
 75 100
 155 82.0 49.7 149.1
 157 105.1 63.8 191.4

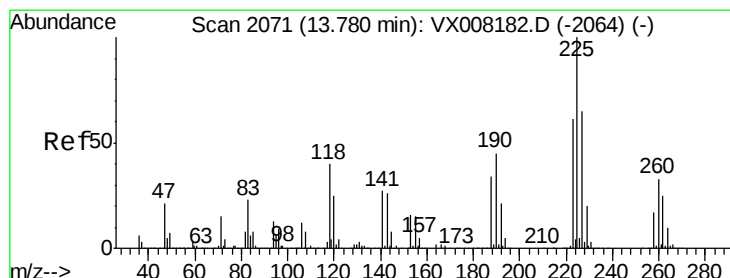
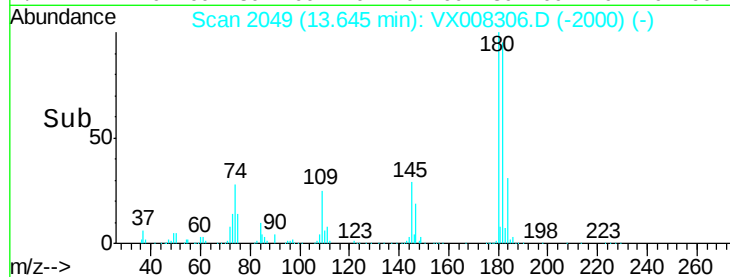
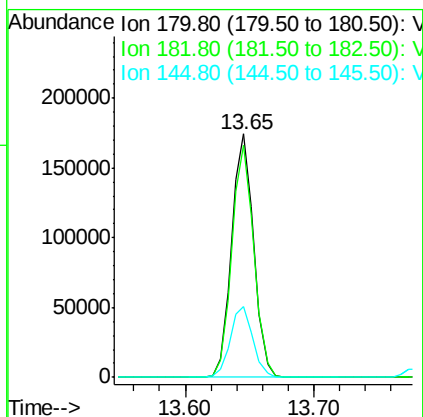
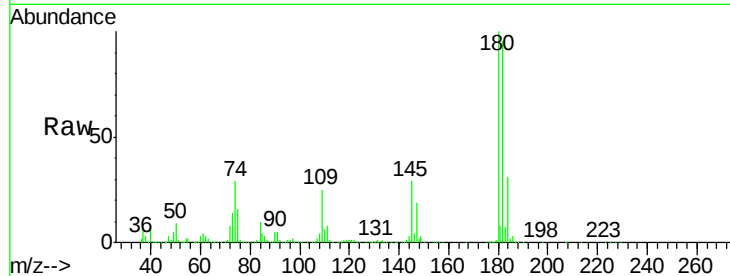




#93
 1,2,4-Trichlorobenzene
 Concen: 52.636 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

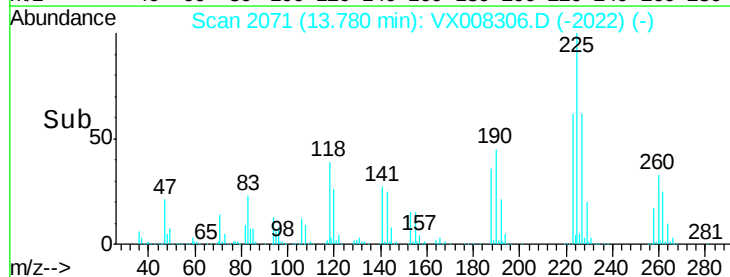
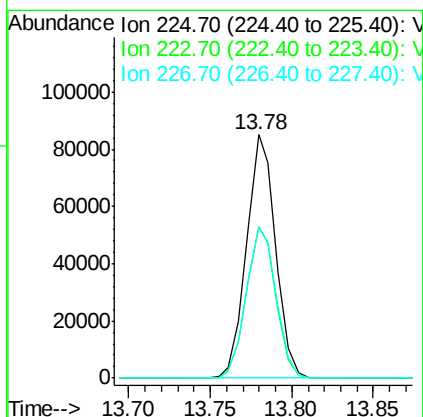
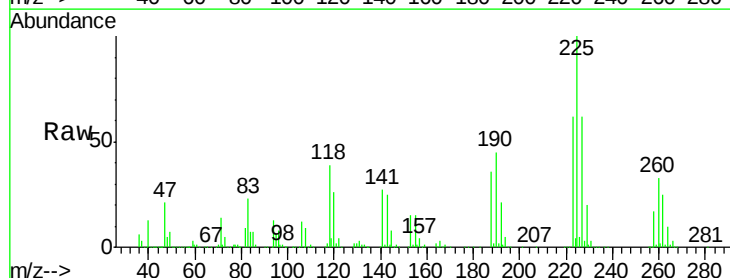
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

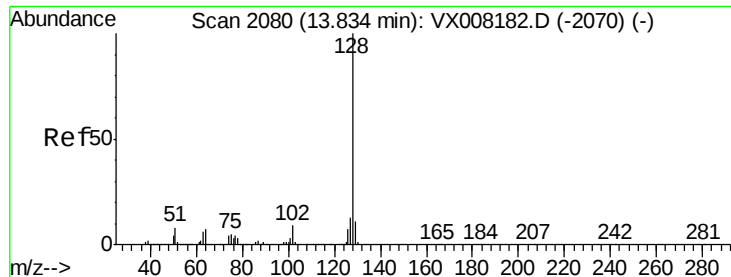
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	29.8	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 54.222 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008306.D
 Acq: 21 Mar 2019 22:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.2
227	63.8	32.0	96.0





#95

Naphthalene

Concen: 55.383 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

BFB

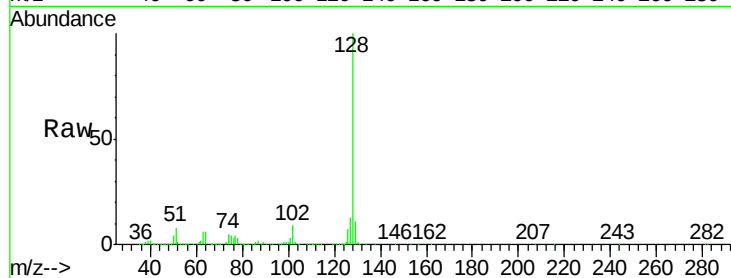
Tot Ion:128 Resp: 695595

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

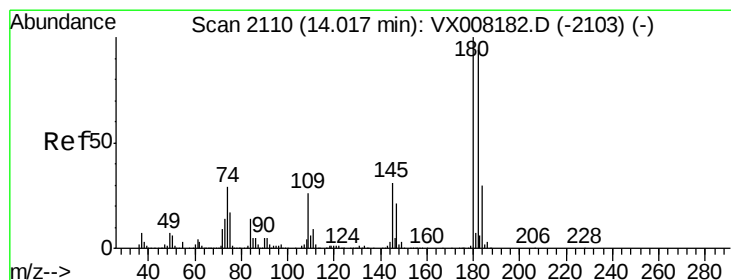
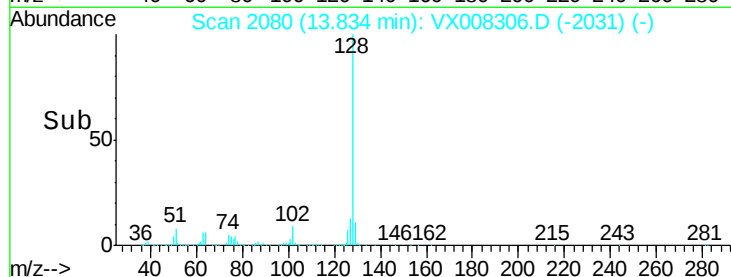
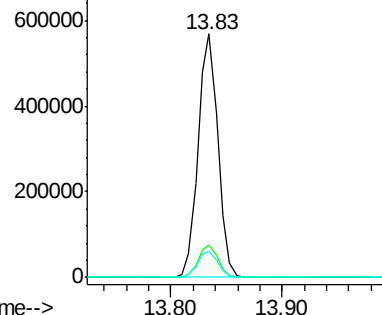
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.134 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008306.D

Acq: 21 Mar 2019 22:01

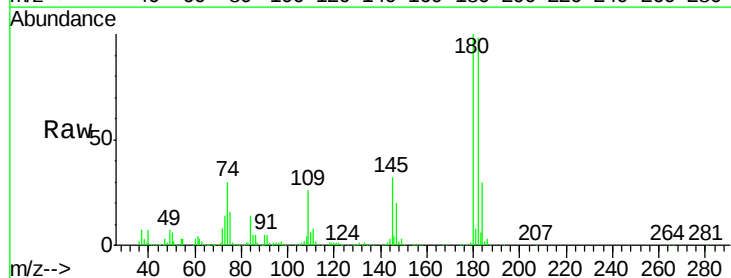
Tgt Ion:180 Resp: 211969

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 31.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

