

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002599.D
 Acq On : 15 Jun 2018 14:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 15 23:48:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194203	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.51	113	152266	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.72	98	570049	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	223625	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114540	42.03	ug/l	97
3) Chloromethane	1.32	50	138135	42.61	ug/l	100
4) Vinyl Chloride	1.40	62	144244	42.88	ug/l	100
5) Bromomethane	1.64	94	106120	52.29	ug/l	100
6) Chloroethane	1.72	64	96381	43.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	241317	44.16	ug/l	100
8) Diethyl Ether	2.19	74	96713	46.53	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139115	45.54	ug/l	99
10) Methyl Iodide	2.51	142	165878	41.25	ug/l	100
11) Tert butyl alcohol	3.07	59	186446	231.22	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123917	43.21	ug/l	99
13) Acrolein	2.29	56	97074	256.61	ug/l	99
14) Allyl chloride	2.73	41	260616	45.76	ug/l	99
15) Acrylonitrile	3.15	53	413898	235.22	ug/l	99
16) Acetone	2.45	43	409098	237.72	ug/l	100
17) Carbon Disulfide	2.57	76	313933	46.15	ug/l	99
18) Methyl Acetate	2.78	43	218755	47.71	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	503286	46.78	ug/l	98
20) Methylene Chloride	2.86	84	151460	42.92	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	138383	44.48	ug/l	96
22) Diisopropyl ether	3.87	45	473030	45.91	ug/l	97
23) Vinyl Acetate	3.82	43	2063890	239.34	ug/l	99
24) 1,1-Dichloroethane	3.70	63	267322	47.80	ug/l	100
25) 2-Butanone	4.71	43	559937	247.76	ug/l	98
26) 2,2-Dichloropropane	4.58	77	192438	47.89	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147724	46.66	ug/l	93
28) Bromochloromethane	5.02	49	139728	53.36	ug/l	96
29) Tetrahydrofuran	5.17	42	360741	243.55	ug/l	98
30) Chloroform	5.22	83	251947	46.72	ug/l	99
31) Cyclohexane	5.57	56	207413	45.05	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	211835	46.97	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177940	45.56	ug/l	99
37) Ethyl Acetate	4.87	43	220008	49.77	ug/l	100
38) Carbon Tetrachloride	5.78	117	184274	47.38	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002599.D
 Acq On : 15 Jun 2018 14:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 15 23:48:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215587	47.22	ug/l	99
40) Benzene	6.15	78	543905	46.44	ug/l	100
41) Methacrylonitrile	5.07	41	123917	49.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	212875	46.95	ug/l	100
43) Isopropyl Acetate	6.47	43	363340	49.61	ug/l	100
44) Trichloroethene	7.21	130	158641	46.93	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146980	47.69	ug/l	100
46) Dibromomethane	7.67	93	100166	48.58	ug/l	98
47) Bromodichloromethane	7.90	83	183286	50.40	ug/l	97
48) Methyl methacrylate	7.78	41	187881	50.20	ug/l	99
49) 1,4-Dioxane	7.76	88	62303	878.97	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1186735	252.34	ug/l	100
52) Toluene	8.79	92	356367	47.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	226331	47.16	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	214692	46.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148166	49.08	ug/l	99
56) Ethyl methacrylate	9.18	69	237093	51.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	245091	48.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	631627	281.11	ug/l	99
59) 2-Hexanone	9.50	43	916716	258.68	ug/l	98
60) Dibromochloromethane	9.59	129	153281	45.50	ug/l	98
61) 1,2-Dibromoethane	9.68	107	159788	51.11	ug/l	100
64) Tetrachloroethene	9.34	164	172507	43.11	ug/l	98
65) Chlorobenzene	10.14	112	414795	46.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	151751	50.28	ug/l	99
67) Ethyl Benzene	10.26	91	700581	46.92	ug/l	100
68) m/p-Xylenes	10.36	106	542882	94.25	ug/l	100
69) o-Xylene	10.70	106	267966	47.35	ug/l	100
70) Styrene	10.71	104	455082	48.90	ug/l	99
71) Bromoform	10.86	173	120255	44.37	ug/l	100
73) Isopropylbenzene	11.02	105	716185	46.07	ug/l	100
74) N-amyl acetate	6.47	43	363340	47.04	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	223456	48.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	266751	60.82	ug/l	79
77) Bromobenzene	11.26	156	205648	47.49	ug/l	97
78) n-propylbenzene	11.37	91	834634	46.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	491966	46.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	621893	47.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63867	46.88	ug/l	96
82) 4-Chlorotoluene	11.51	91	597481	47.57	ug/l	100
83) tert-Butylbenzene	11.77	119	602346	47.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	643440	48.00	ug/l	98
85) sec-Butylbenzene	11.95	105	734542	46.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	679502	47.72	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	373083	46.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385909	48.07	ug/l	99
89) n-Butylbenzene	12.39	91	603789	48.07	ug/l	99
90) Hexachloroethane	12.60	117	101285	45.86	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377114	47.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50651	52.68	ug/l	96

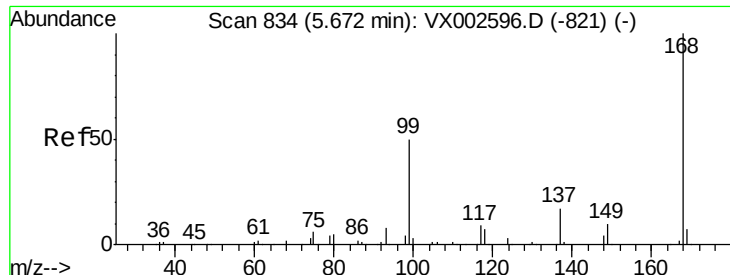
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002599.D
Acq On : 15 Jun 2018 14:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Jun 15 23:48:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 14:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294717	50.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	142898	46.76	ug/l	99
95) Naphthalene	13.84	128	796276	51.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	292026	50.12	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

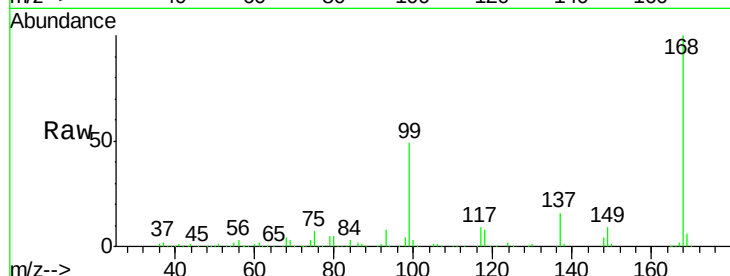
BFB

Tot Ion:168 Resp: 256683

Ion Ratio Lower Upper

168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

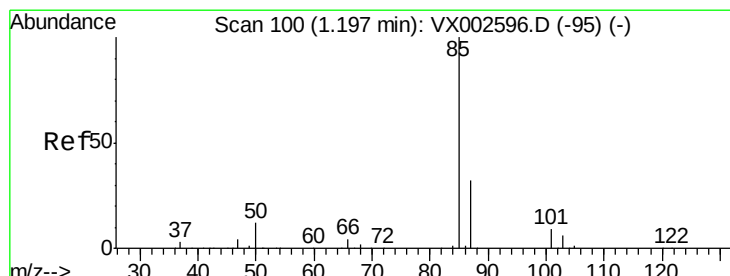
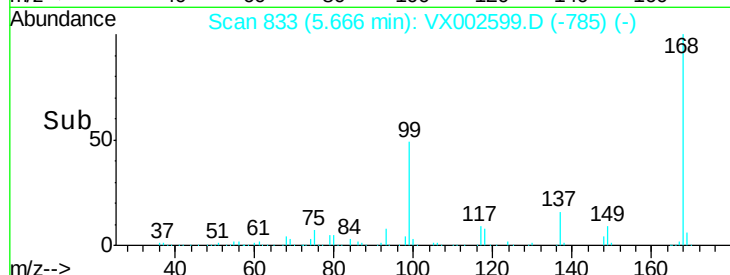
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 42.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002599.D

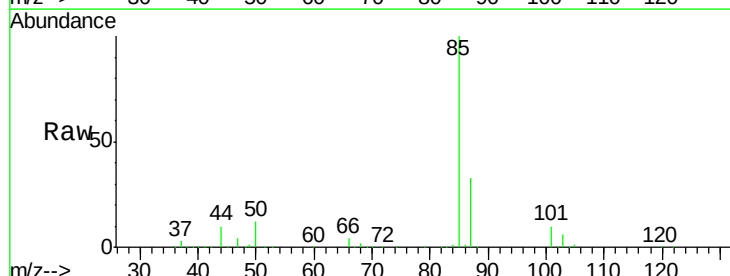
Acq: 15 Jun 2018 14:20

Tgt Ion: 85 Resp: 114540

Ion Ratio Lower Upper

85 100

87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

40000

20000

0

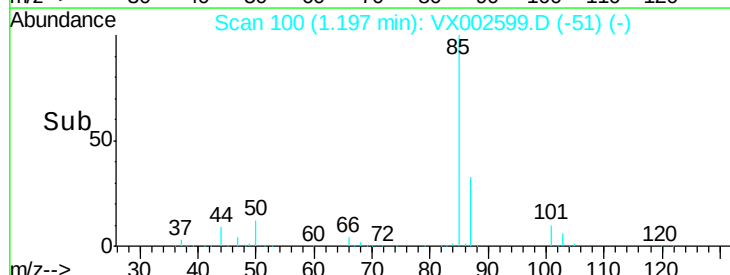
Time-->

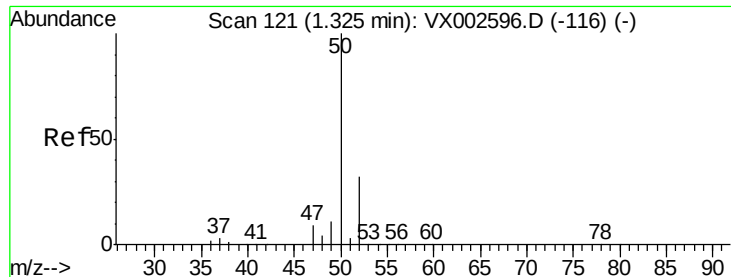
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 42.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

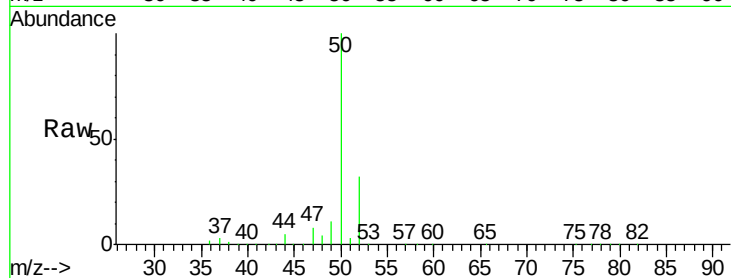
BFB

Tot Ion: 50 Resp: 138135

Ion Ratio Lower Upper

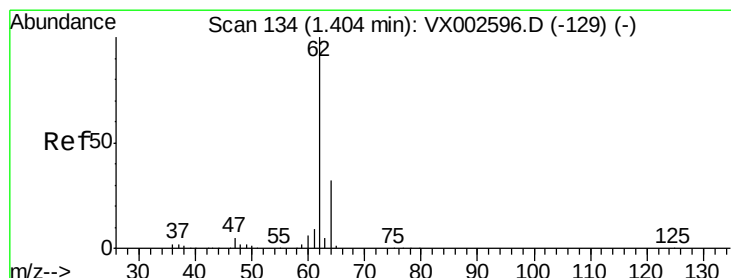
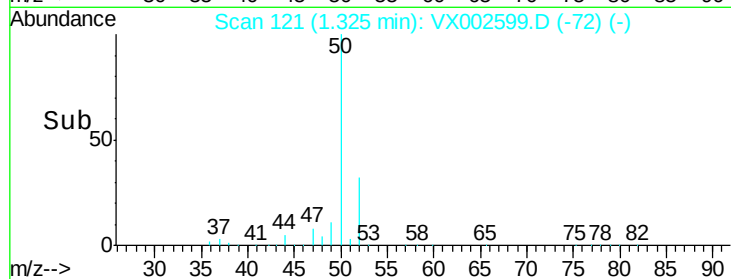
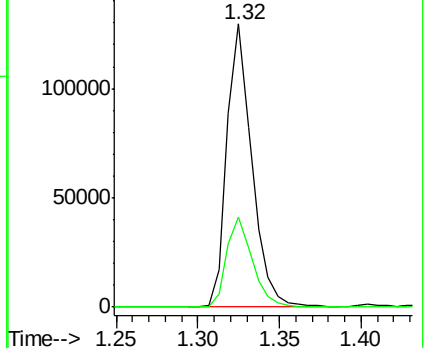
50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002599.D

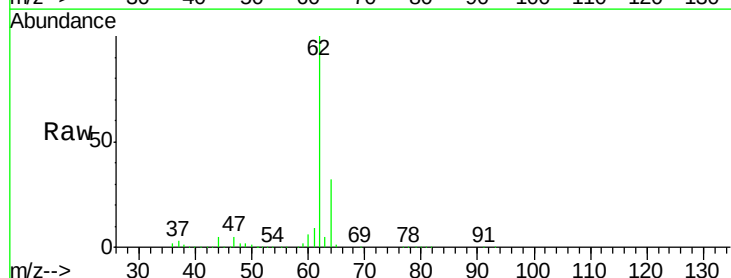
Acq: 15 Jun 2018 14:20

Tgt Ion: 62 Resp: 144244

Ion Ratio Lower Upper

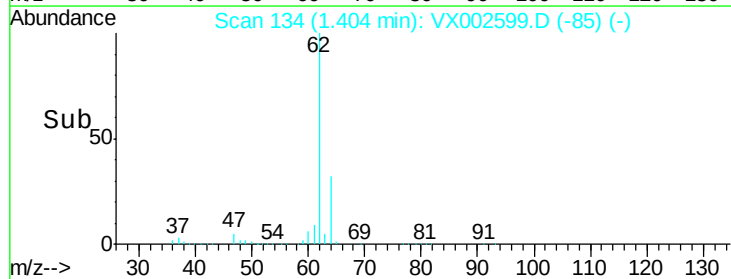
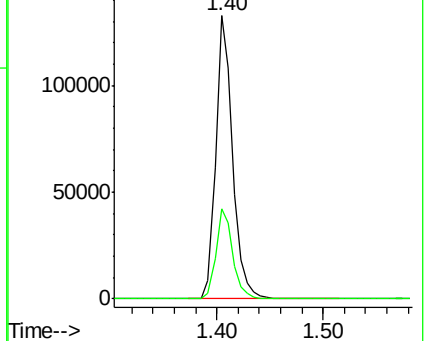
62 100

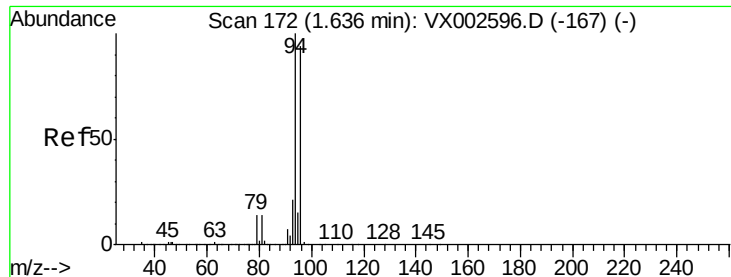
64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

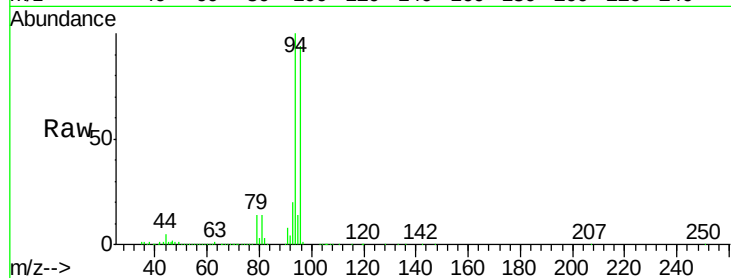
BFB

Tot Ion: 94 Resp: 106120

Ion Ratio Lower Upper

94 100

96 93.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

60000

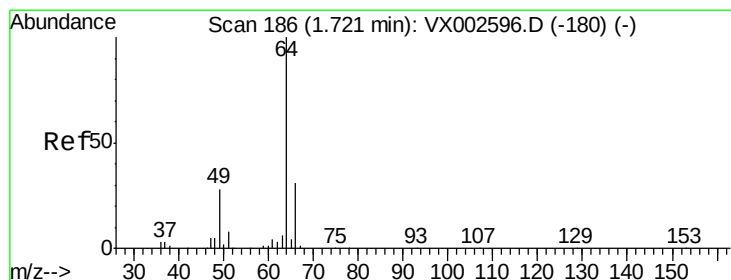
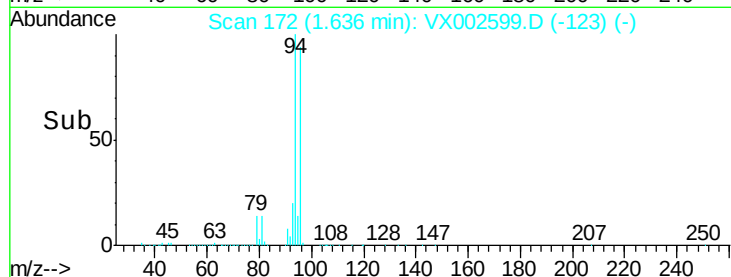
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 43.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002599.D

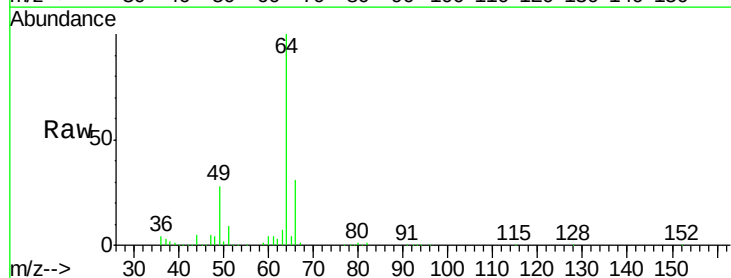
Acq: 15 Jun 2018 14:20

Tgt Ion: 64 Resp: 96381

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

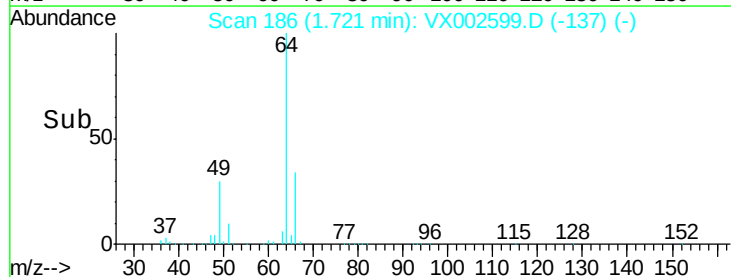
40000

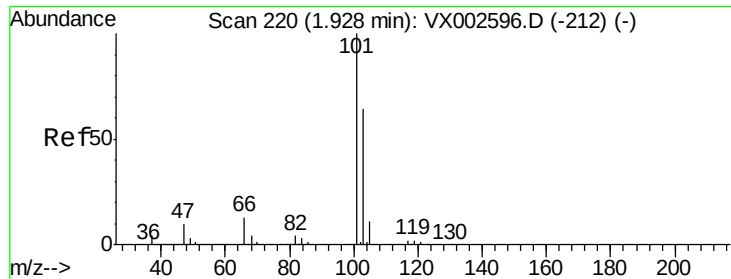
20000

0

Time-->

1.60 1.70 1.80 1.90



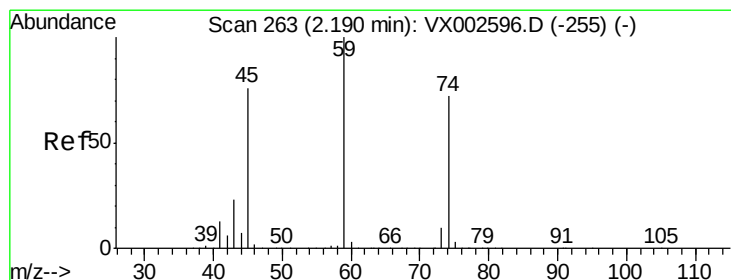
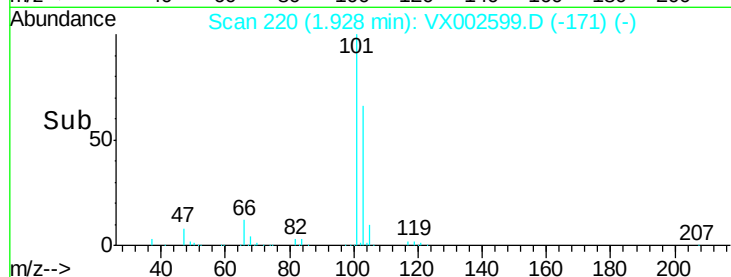
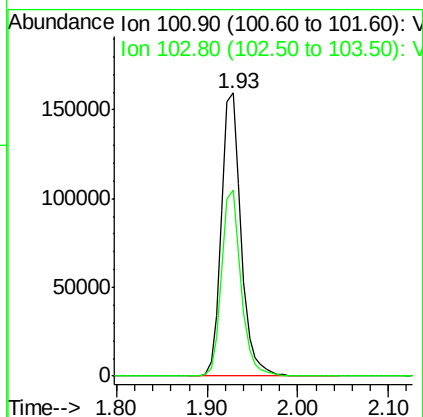
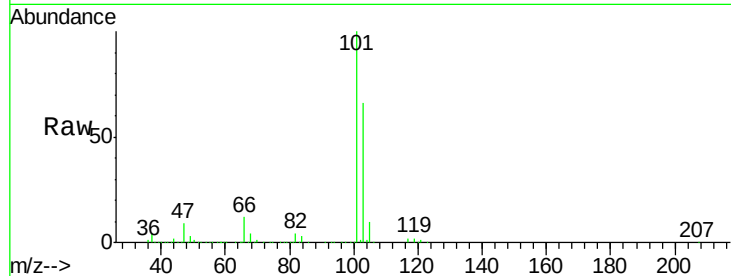


#7

Trichlorofluoromethane
 Concen: 44.16 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

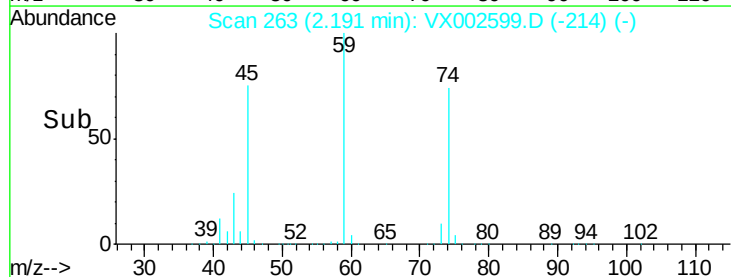
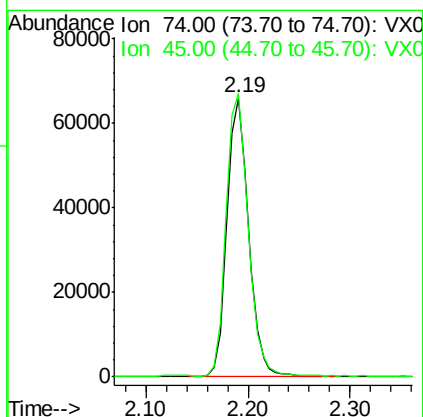
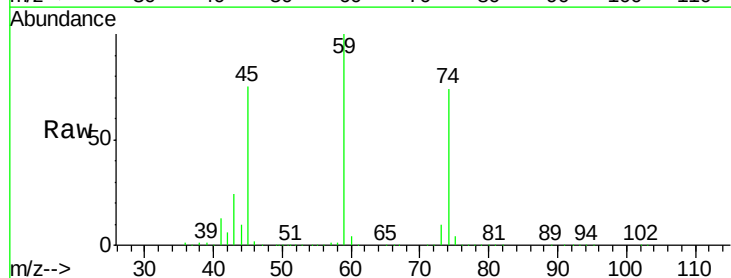
Tot Ion:101 Resp: 241317
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.8 79.2

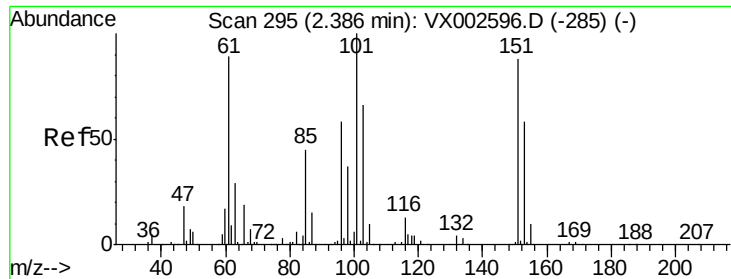


#8

Diethyl Ether
 Concen: 46.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 74 Resp: 96713
 Ion Ratio Lower Upper
 74 100
 45 103.6 53.1 159.4

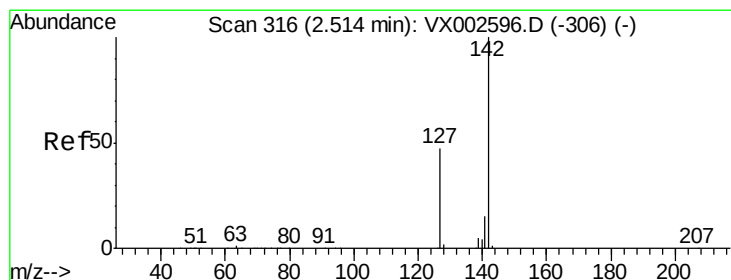
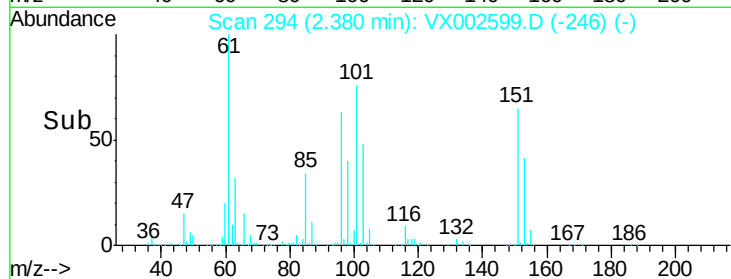
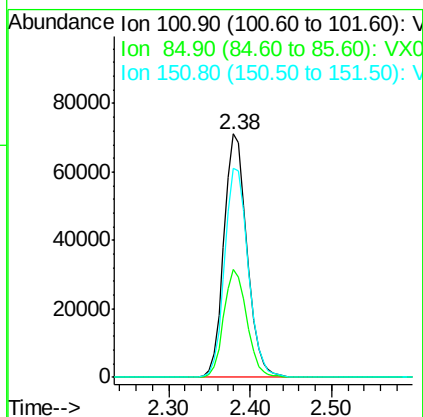
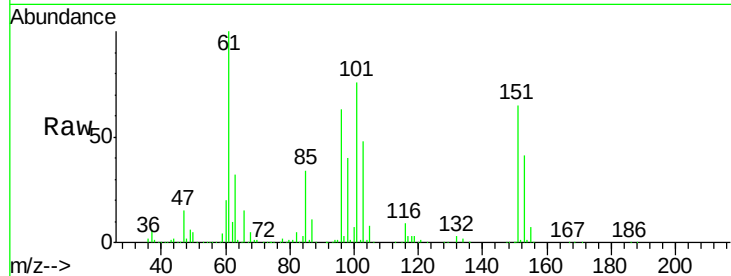




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.54 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

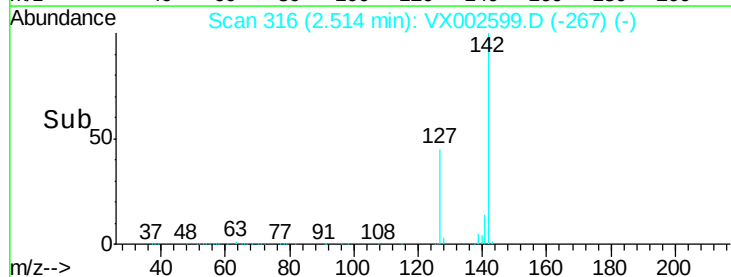
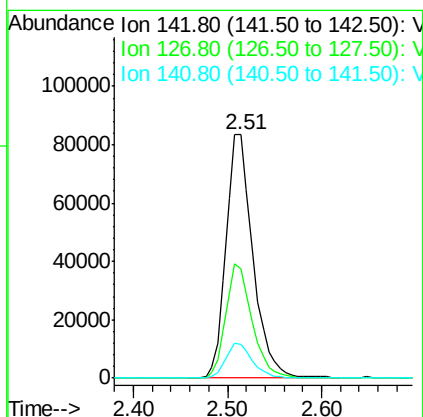
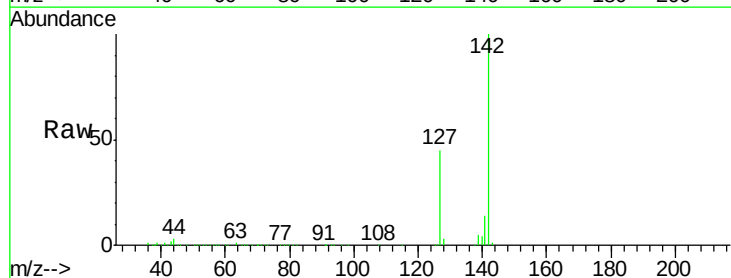
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

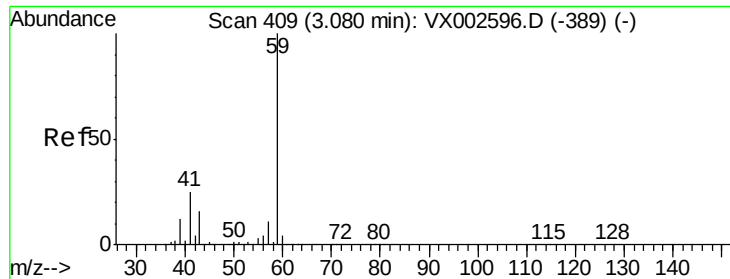
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.0	54.0
151	87.8	70.9	106.3



#10
 Methyl Iodide
 Concen: 41.25 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.9	36.6	55.0
141	14.4	11.3	16.9



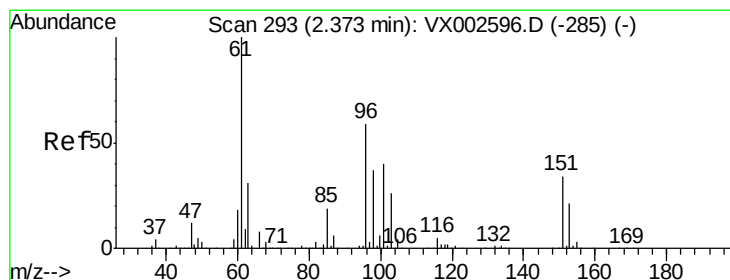
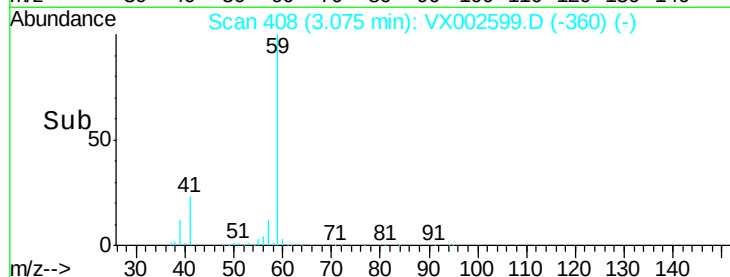
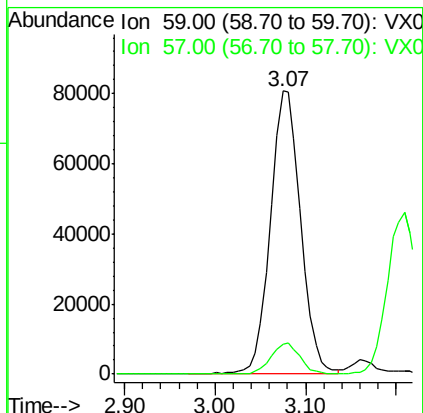
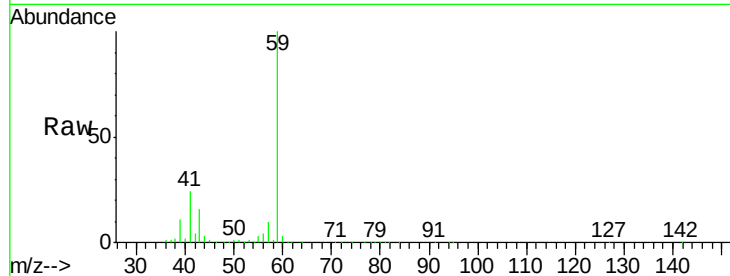


#11

Tert butyl alcohol
 Concen: 231.22 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

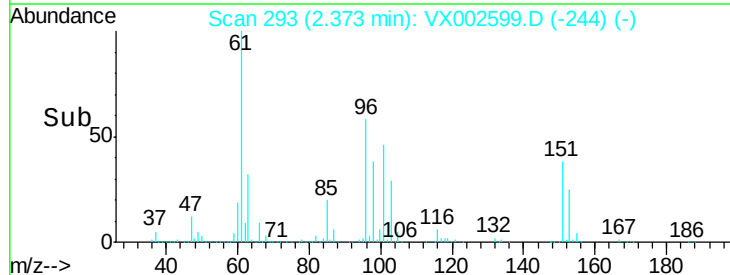
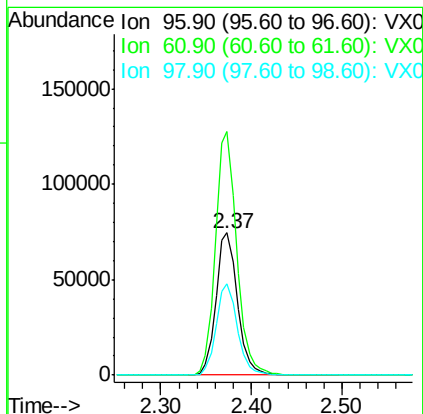
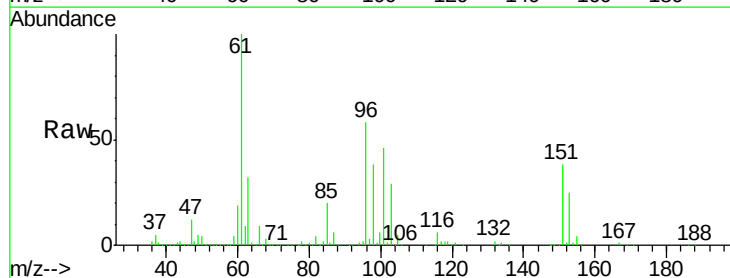
Tot Ion: 59 Resp: 186446
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

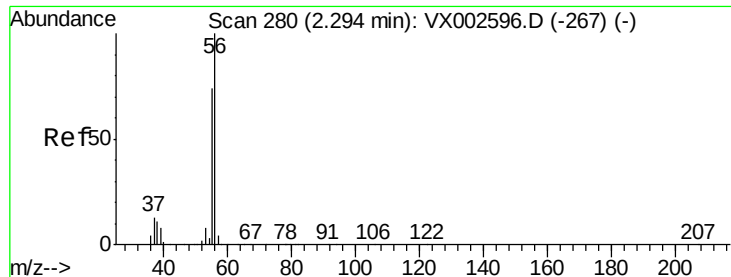


#12

1,1-Dichloroethene
 Concen: 43.21 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 96 Resp: 123917
 Ion Ratio Lower Upper
 96 100
 61 171.5 137.9 206.9
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 256.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

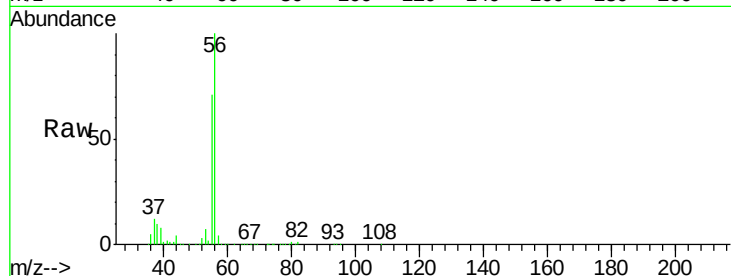
BFB

Tot Ion: 56 Resp: 97074

Ion Ratio Lower Upper

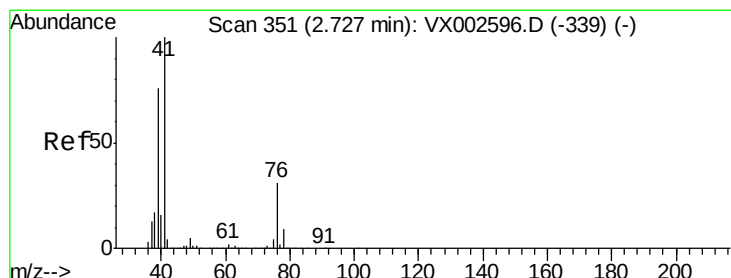
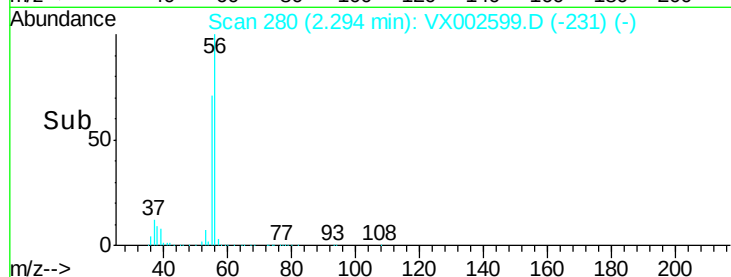
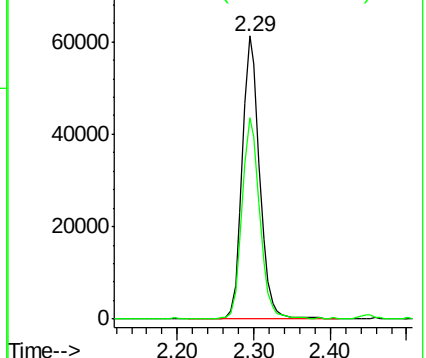
56 100

55 72.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

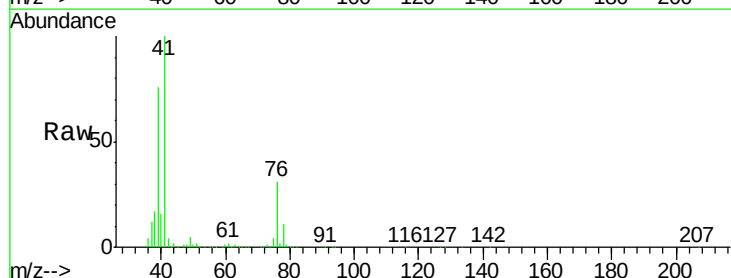
Tgt Ion: 41 Resp: 260616

Ion Ratio Lower Upper

41 100

39 72.1 56.8 85.2

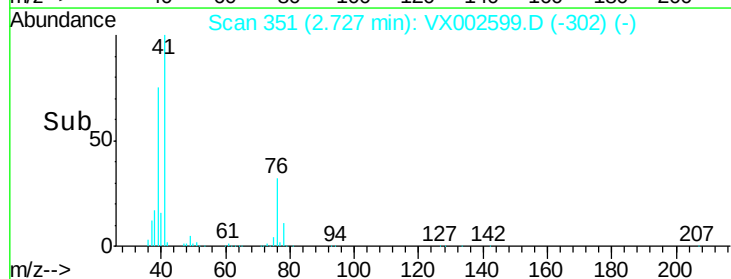
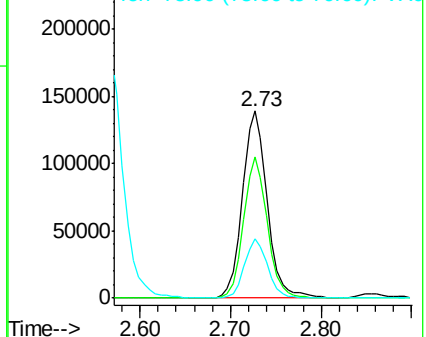
76 29.8 23.8 35.8

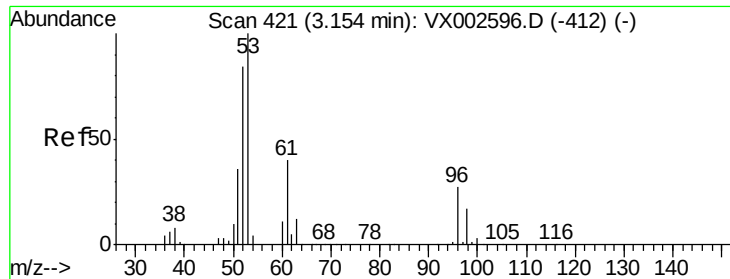


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 235.22 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

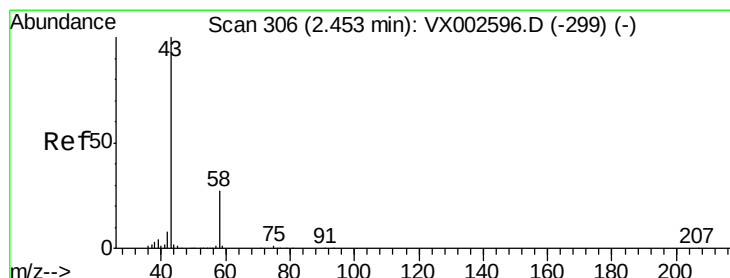
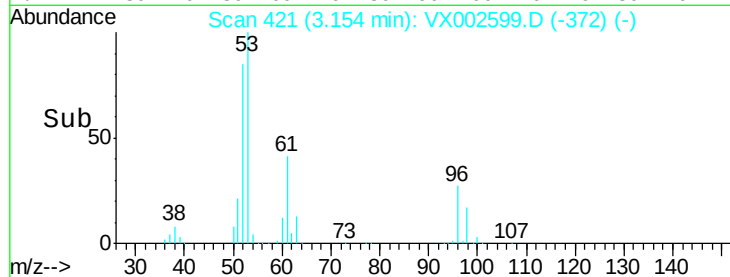
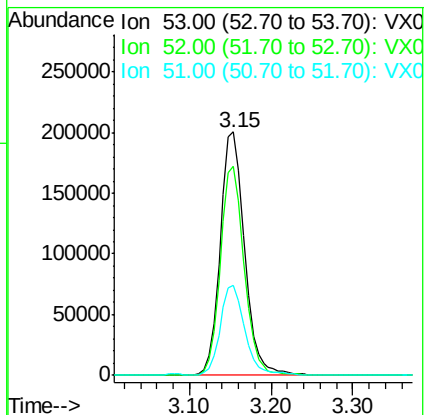
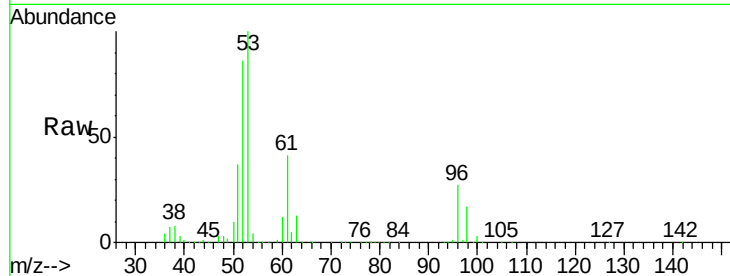
Tot Ion: 53 Resp: 413898

Ion Ratio Lower Upper

53 100

52 84.2 66.7 100.1

51 37.4 29.9 44.9



#16

Acetone

Concen: 237.72 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002599.D

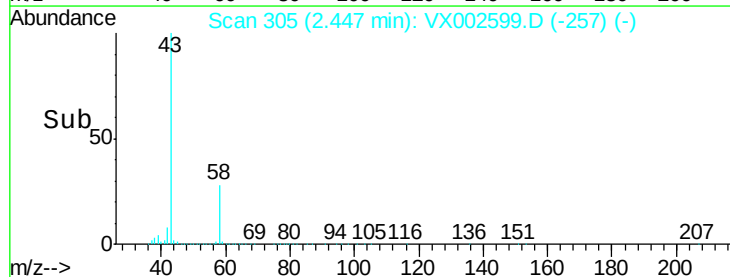
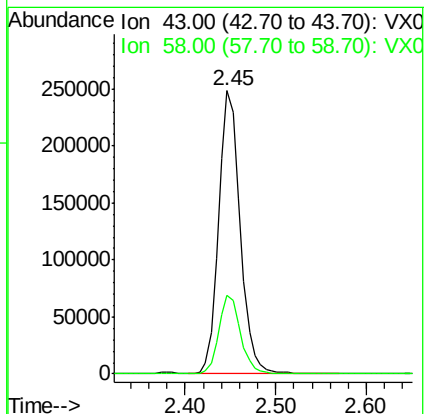
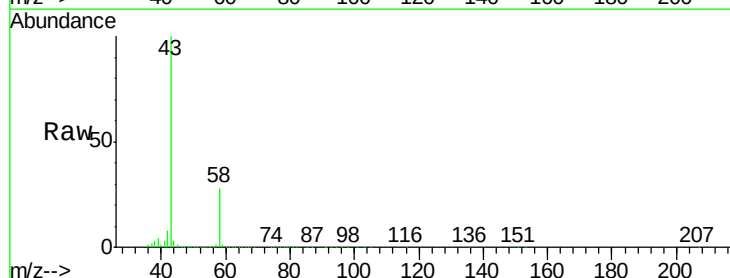
Acq: 15 Jun 2018 14:20

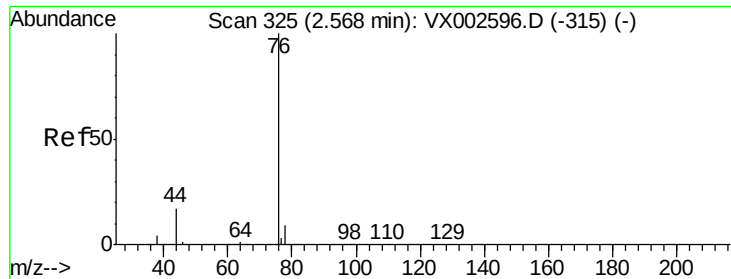
Tgt Ion: 43 Resp: 409098

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1

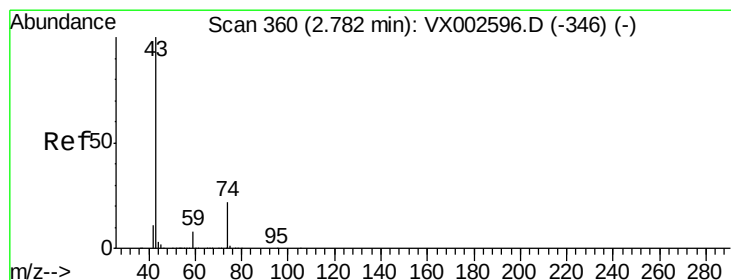
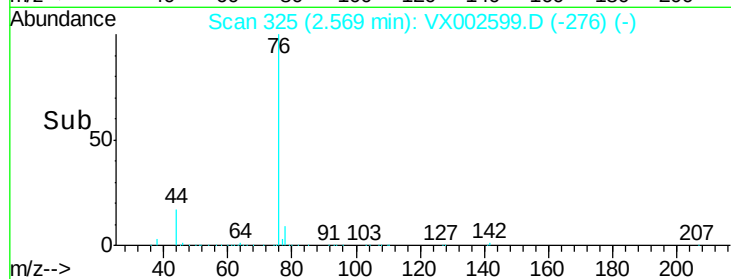
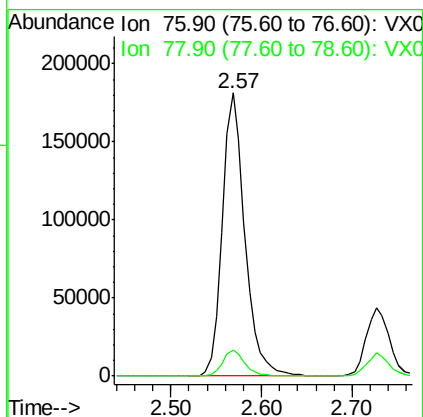
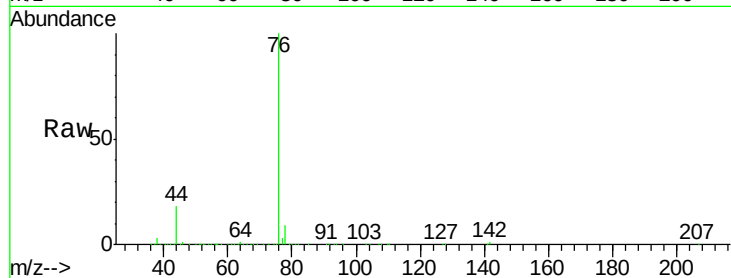




#17
Carbon Disulfide
Concen: 46.15 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

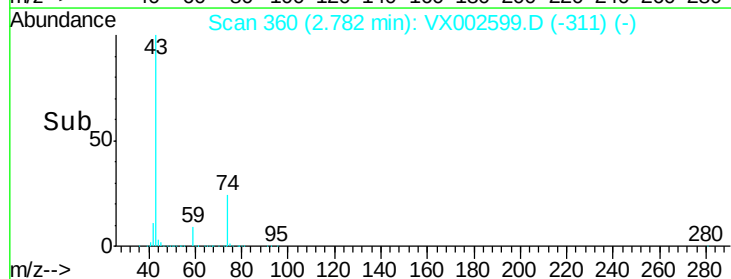
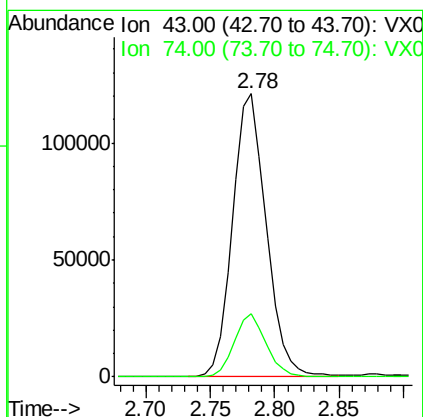
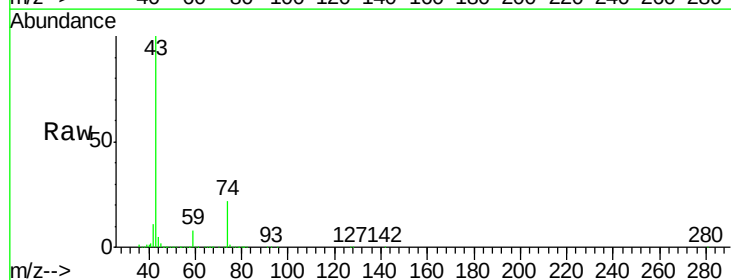
Instrument :
MSVOA_X
ClientSampleId :
BFB

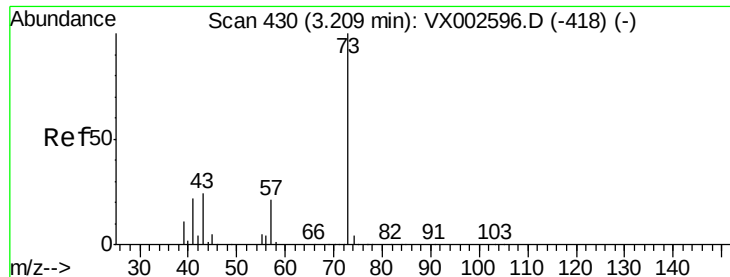
Tot Ion: 76 Resp: 313933
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 47.71 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 43 Resp: 218755
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

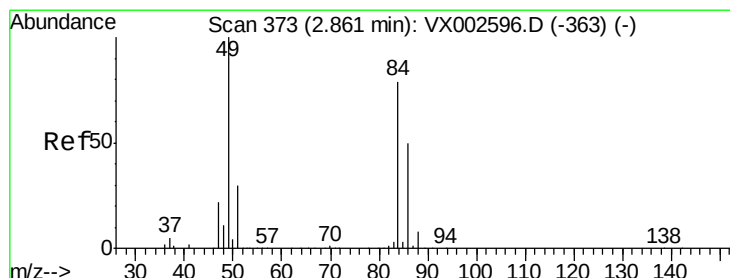
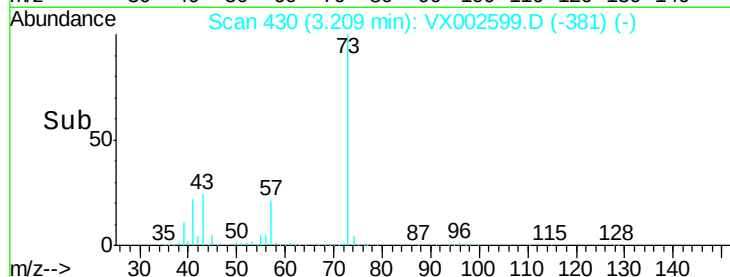
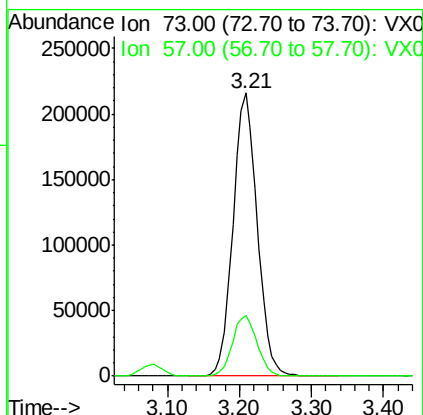
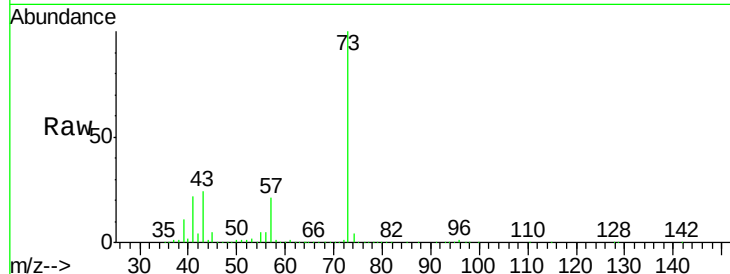




#19
Methvl tert-butvl Ether
Concen: 46.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

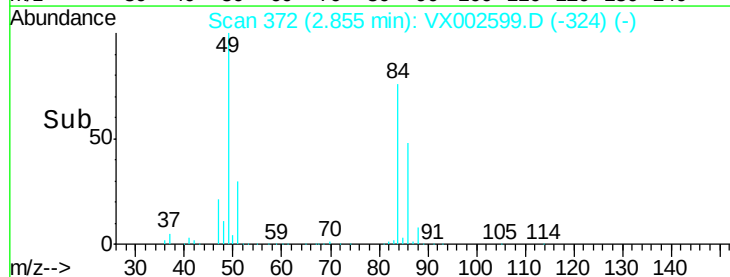
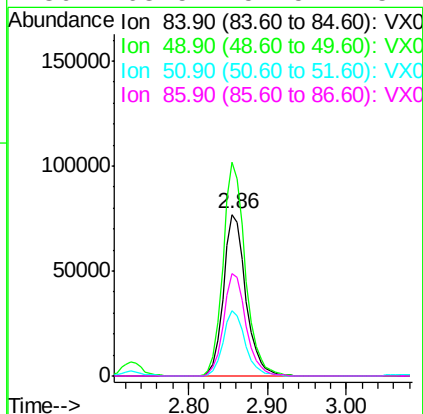
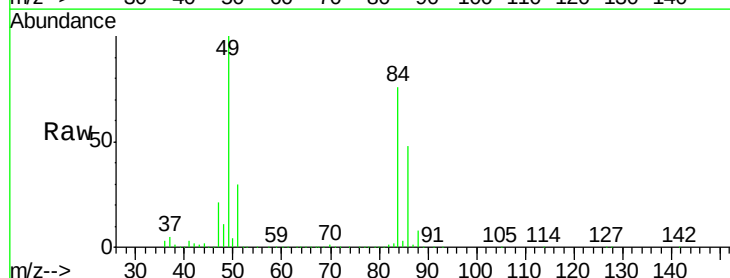
Instrument :
MSVOA_X
ClientSampleId :
BFB

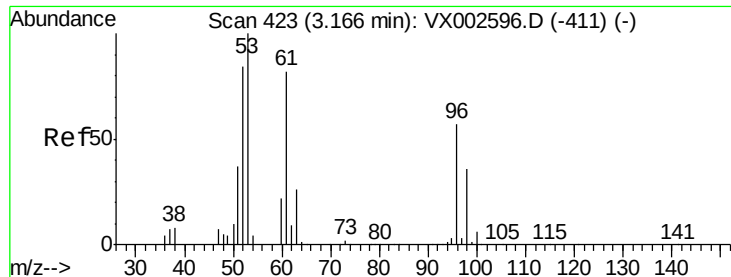
Tot Ion: 73 Resp: 503286
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 42.92 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 84 Resp: 151460
Ion Ratio Lower Upper
84 100
49 132.4 107.8 161.6
51 40.1 32.8 49.2
86 63.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

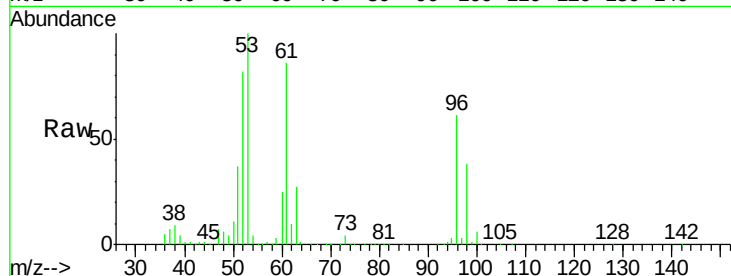
Tot Ion: 96 Resp: 138383

Ion Ratio Lower Upper

96 100

61 141.5 117.0 175.4

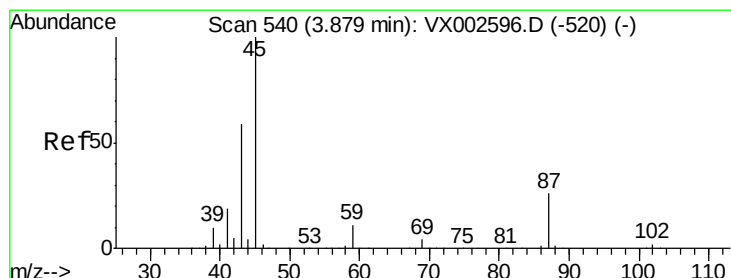
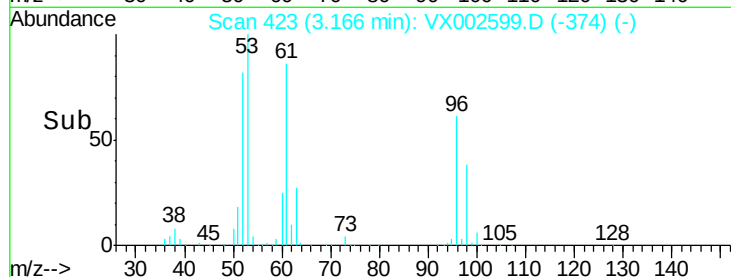
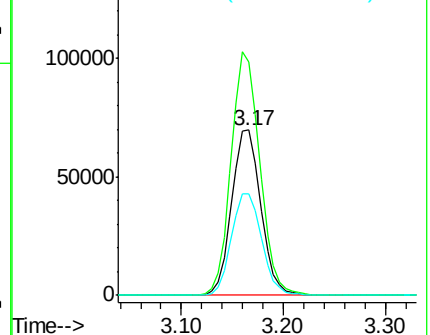
98 61.8 52.4 78.6



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: 45.91 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion: 45 Resp: 473030

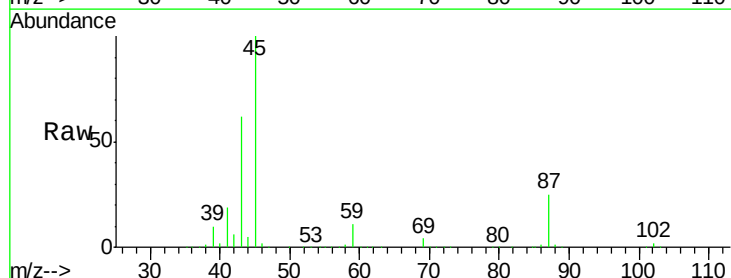
Ion Ratio Lower Upper

45 100

43 61.9 46.8 70.2

87 25.3 20.2 30.4

59 11.1 8.7 13.1

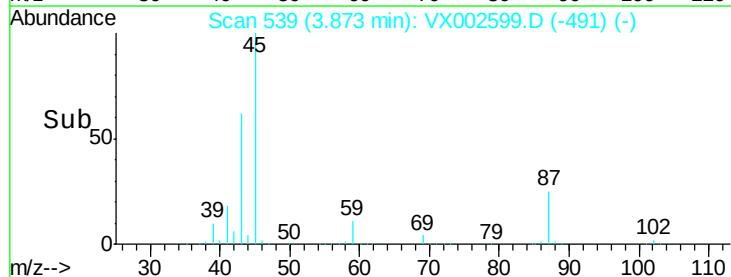
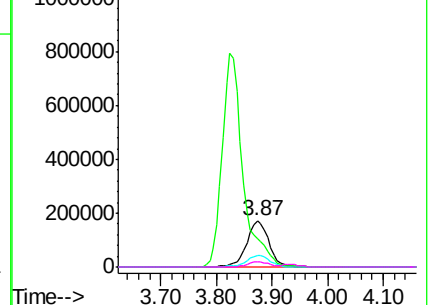


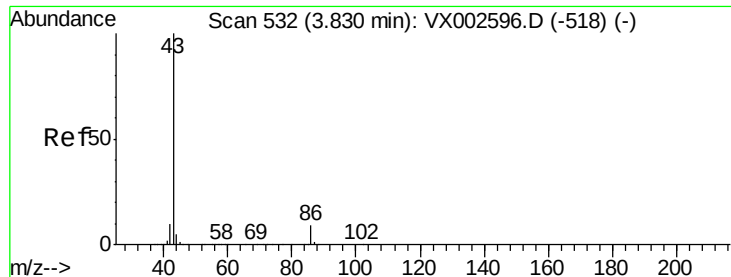
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 239.34 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

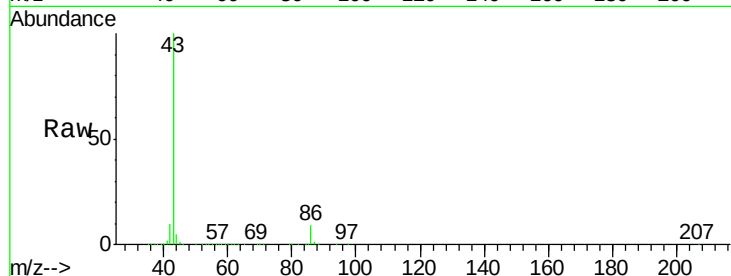
BFB

Tot Ion: 43 Resp: 2063890

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

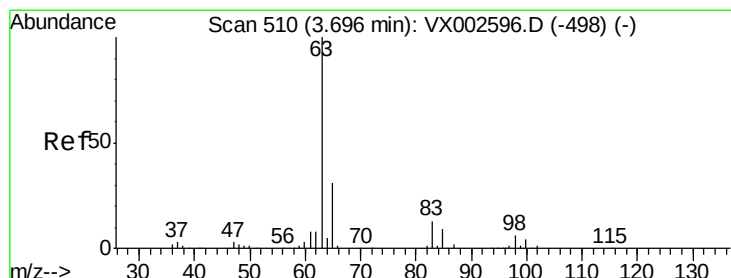
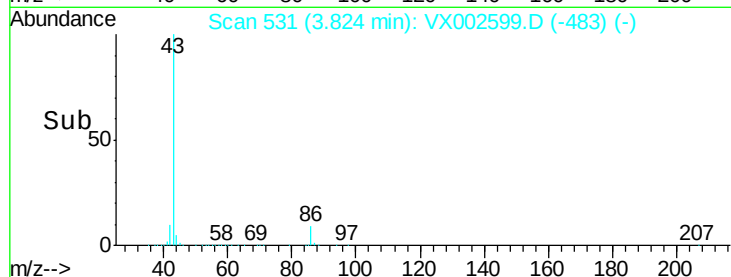
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

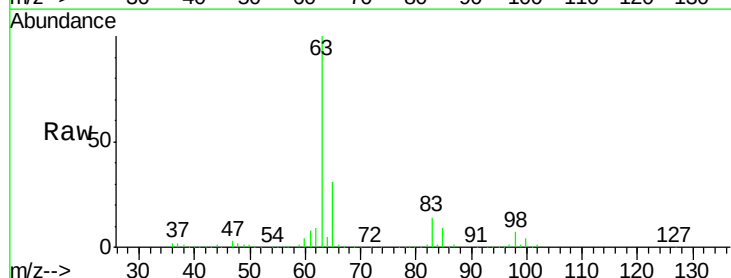
Tgt Ion: 63 Resp: 267322

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

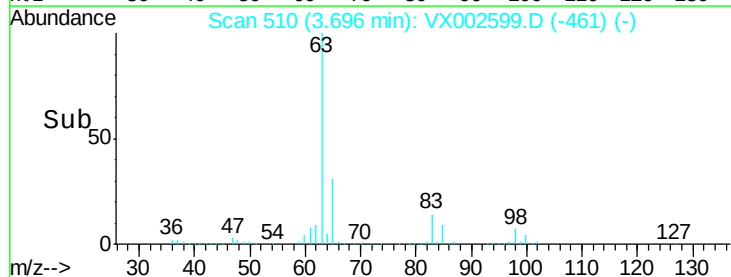
150000

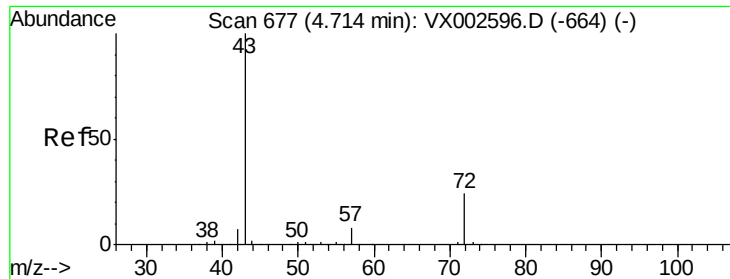
100000

50000

0

Time-->





#25

2-Butanone

Concen: 247.76 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

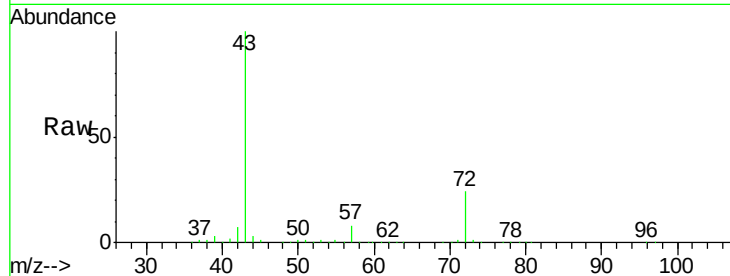
BFB

Tot Ion: 43 Resp: 559937

Ion Ratio Lower Upper

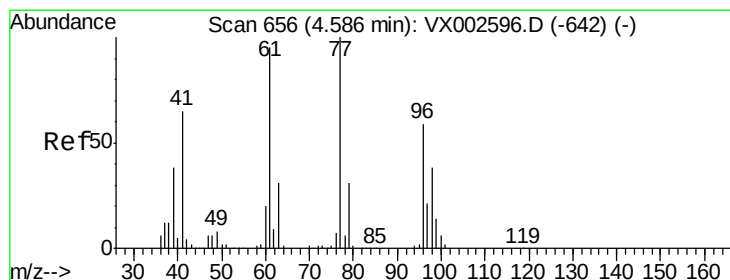
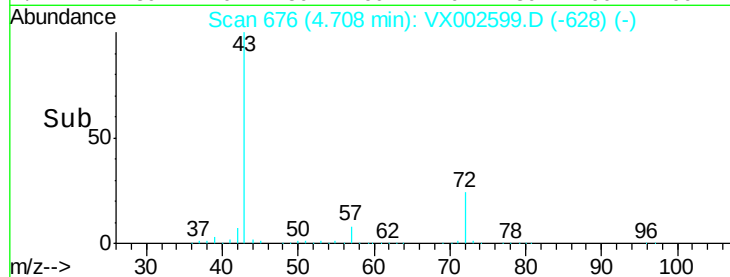
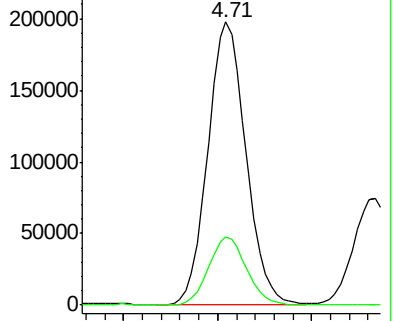
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX002599.D (-628) (-)

Ion 72.00 (71.70 to 72.70): VX002599.D (-628) (-)



#26

2,2-Dichloropropane

Concen: 47.89 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002599.D

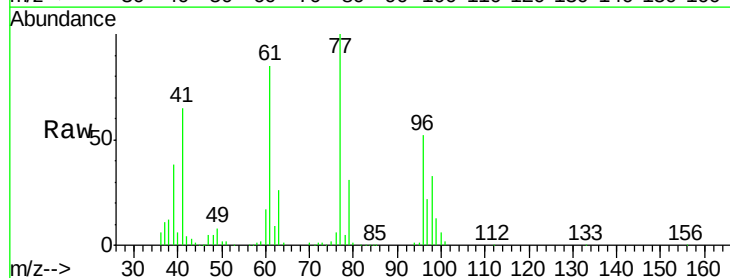
Acq: 15 Jun 2018 14:20

Tgt Ion: 77 Resp: 192438

Ion Ratio Lower Upper

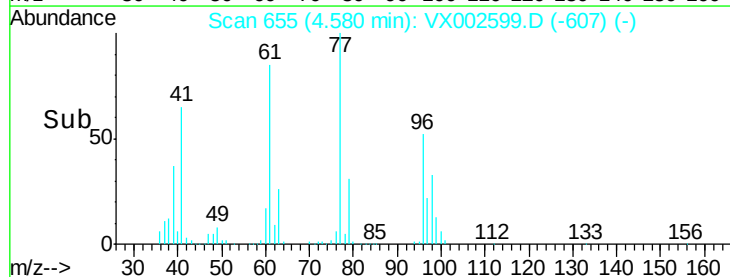
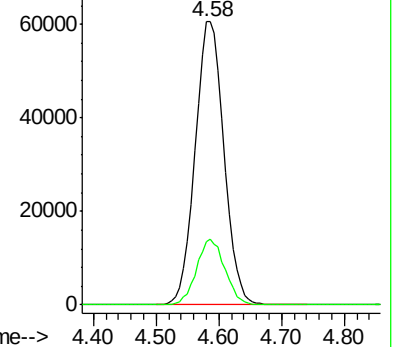
77 100

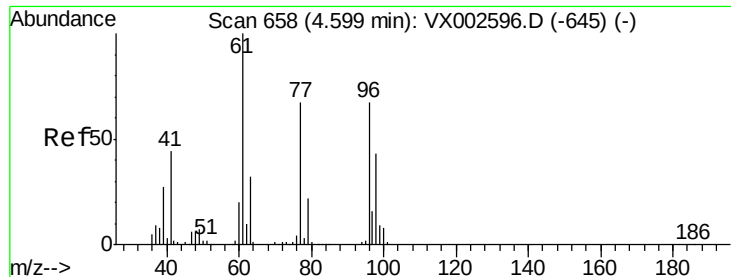
97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX002599.D (-607) (-)

Ion 96.90 (96.60 to 97.60): VX002599.D (-607) (-)





#27

cis-1,2-Dichloroethene

Concen: 46.66 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

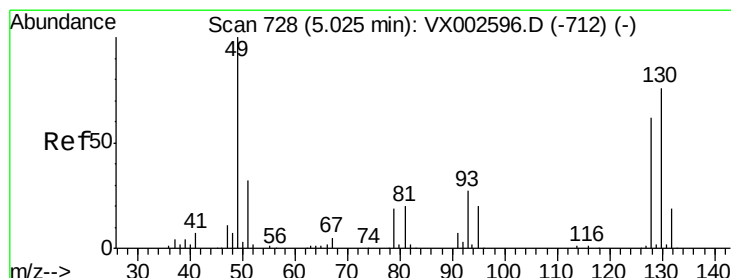
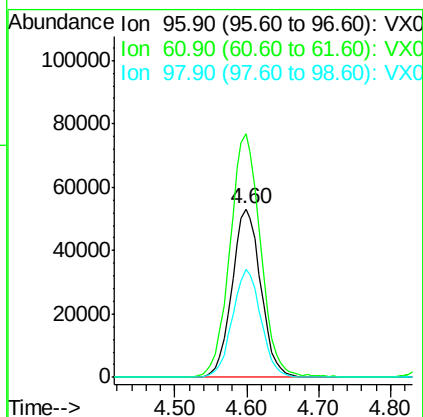
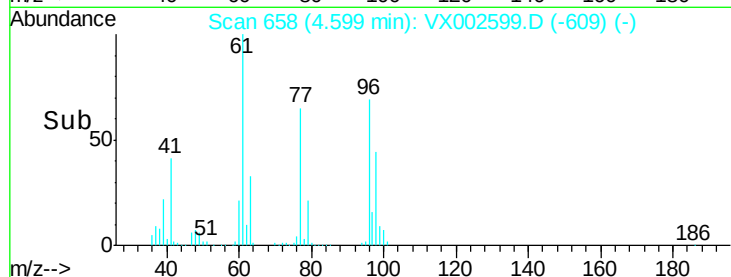
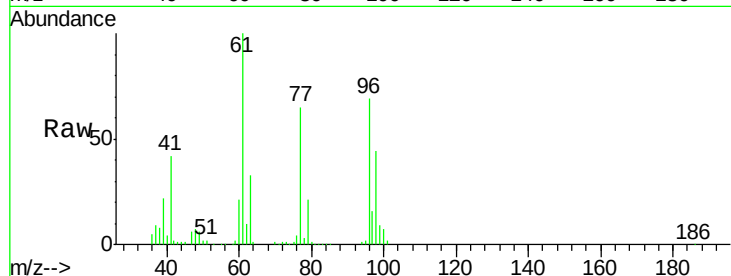
Tot Ion: 96 Resp: 147724

Ion Ratio Lower Upper

96 100

61 153.9 0.0 330.2

98 63.6 0.0 130.2



#28

Bromochloromethane

Concen: 53.36 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

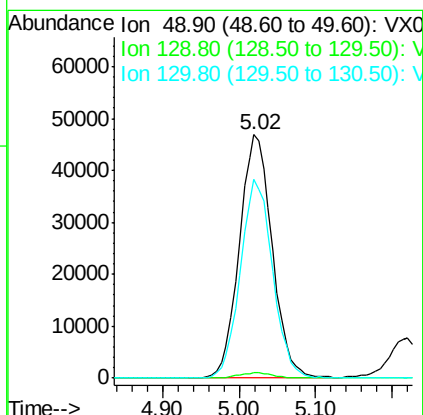
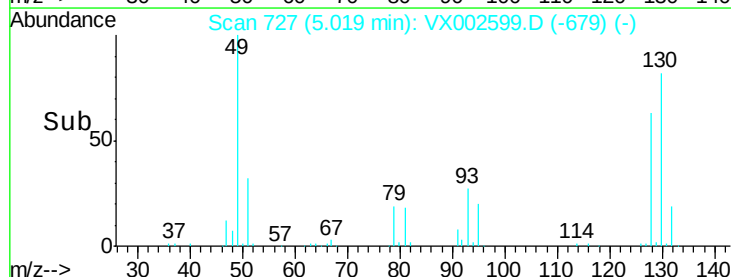
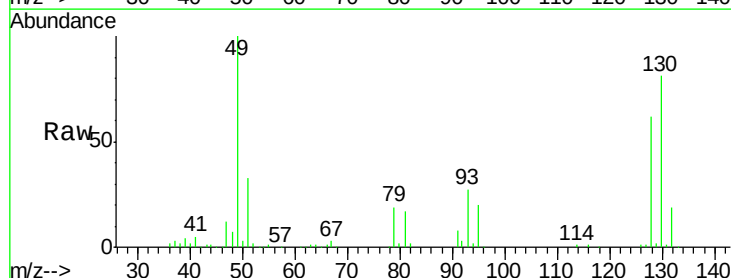
Tgt Ion: 49 Resp: 139728

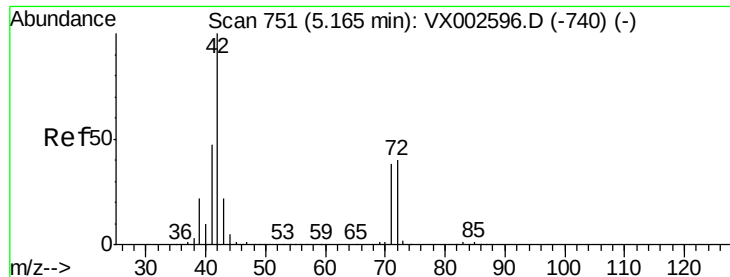
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 79.9 61.2 91.8

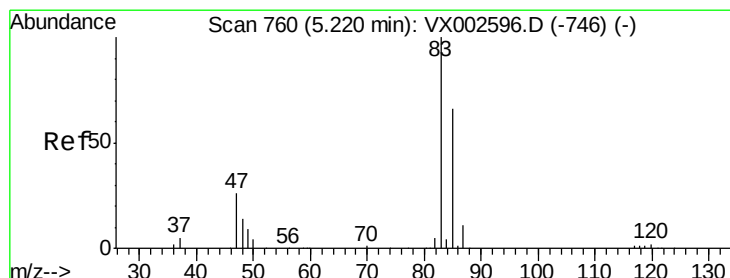
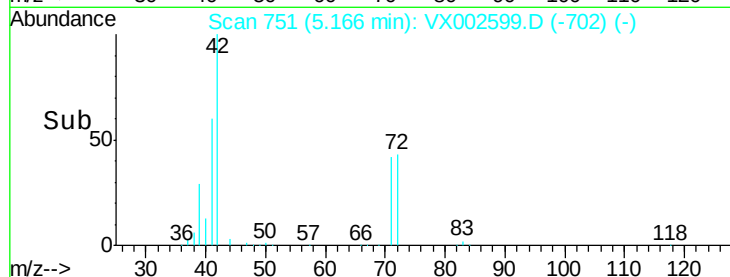
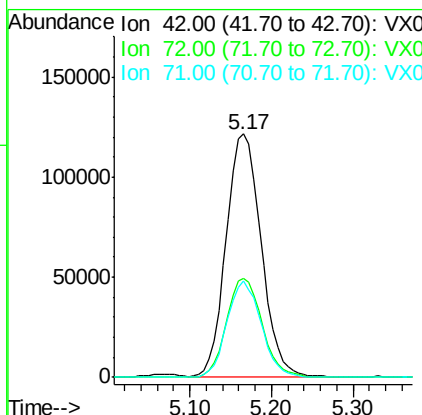
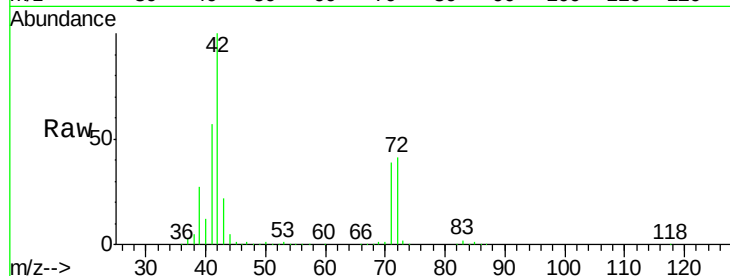




#29
Tetrahydrofuran
Concen: 243.55 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

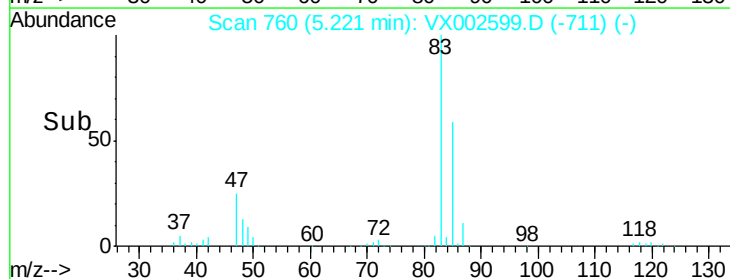
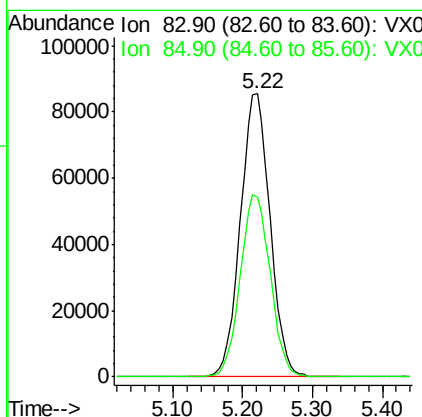
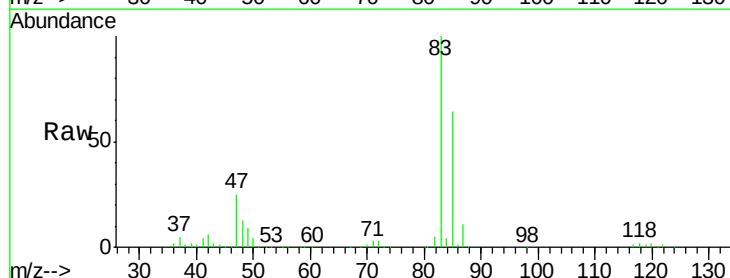
Instrument :
MSVOA_X
ClientSampleId :
BFB

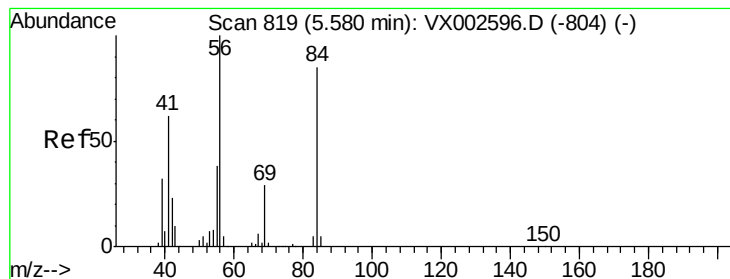
Tot Ion: 42 Resp: 360741
Ion Ratio Lower Upper
42 100
72 41.5 32.0 48.0
71 38.9 30.1 45.1



#30
Chloroform
Concen: 46.72 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 83 Resp: 251947
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 45.05 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

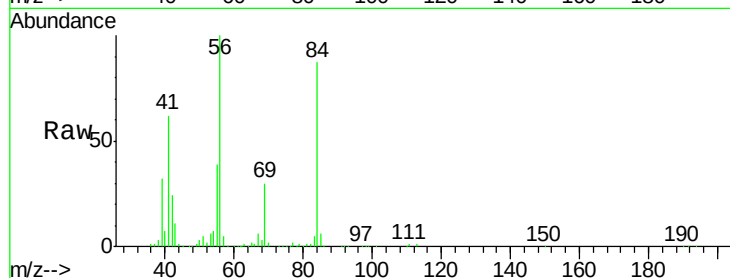
Tot Ion: 56 Resp: 207413

Ion Ratio Lower Upper

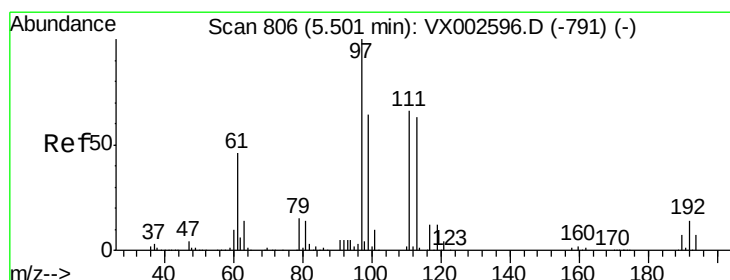
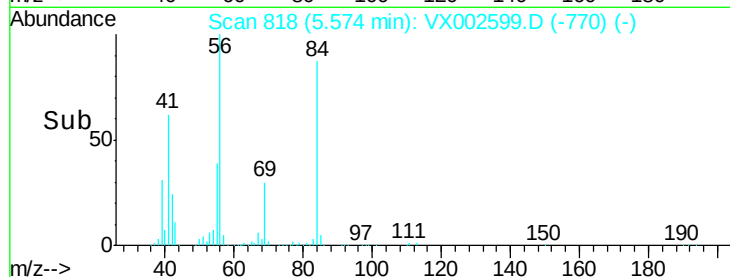
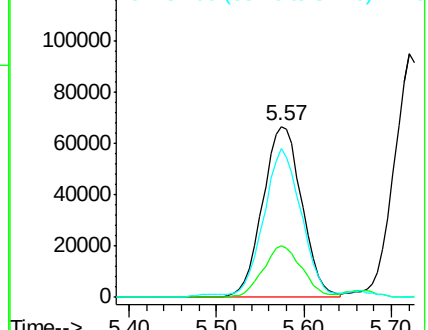
56 100

69 30.0 23.7 35.5

84 86.4 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 46.97 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

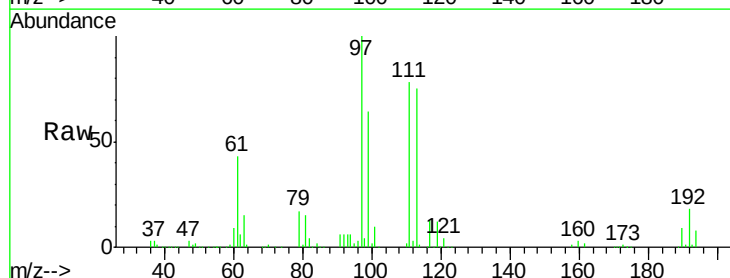
Tgt Ion: 97 Resp: 211835

Ion Ratio Lower Upper

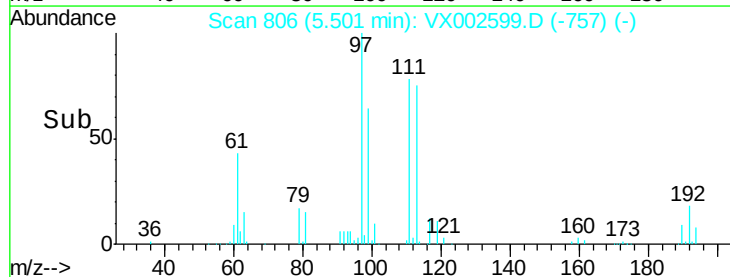
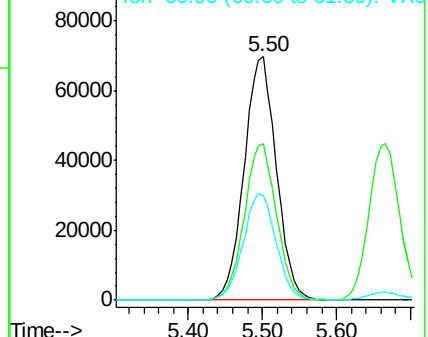
97 100

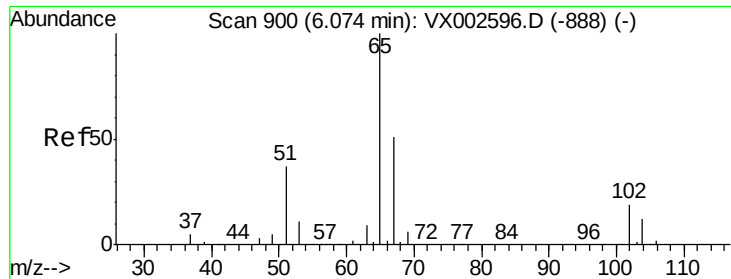
99 64.0 51.6 77.4

61 44.8 36.4 54.6



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

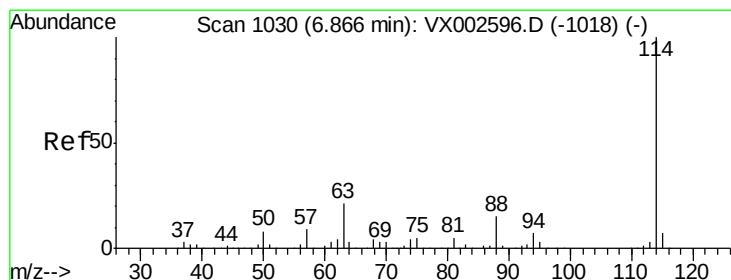
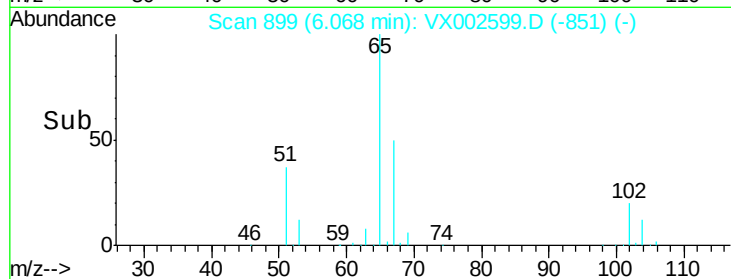
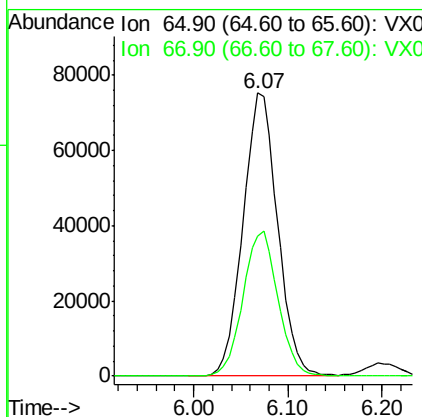
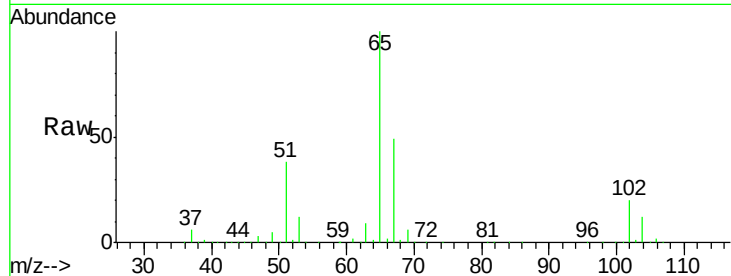




#33
 1,2-Dichloroethane-d4
 Concen: 49.79 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

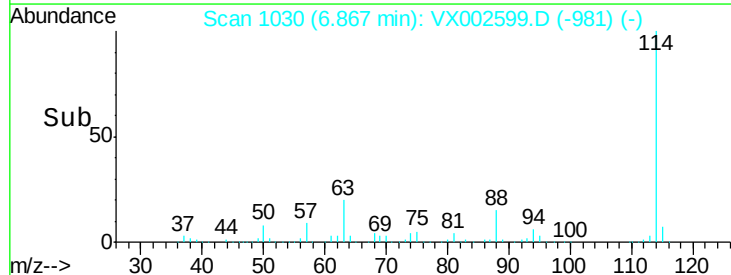
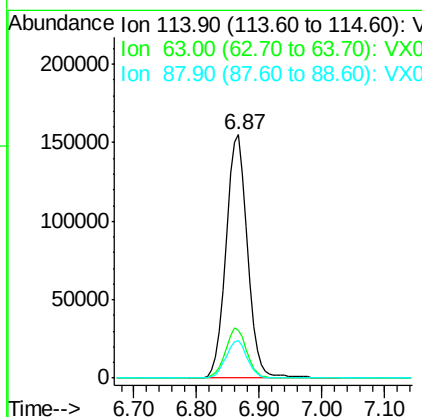
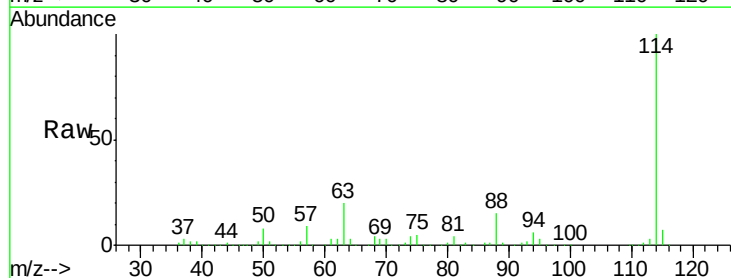
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

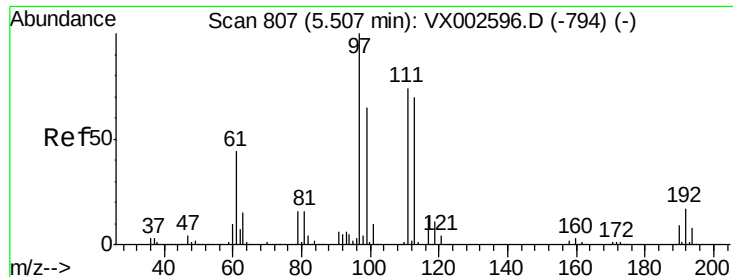
Tot Ion: 65 Resp: 194203
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 114 Resp: 367758
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.88 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

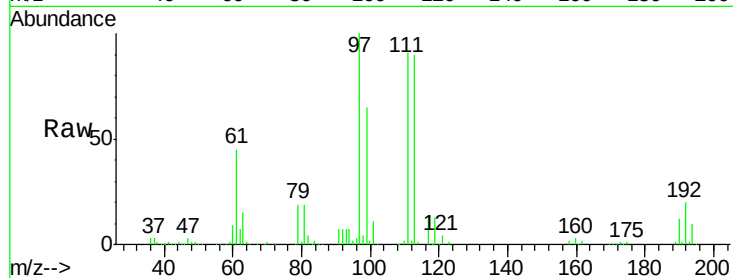
Tot Ion:113 Resp: 152266

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

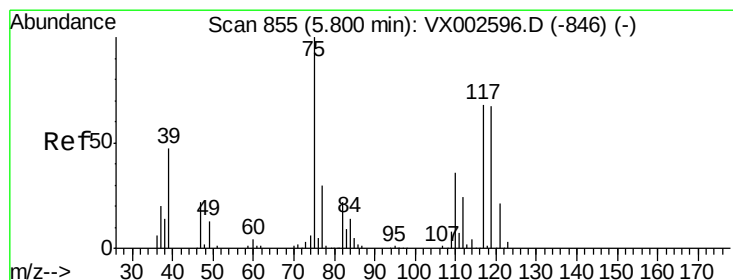
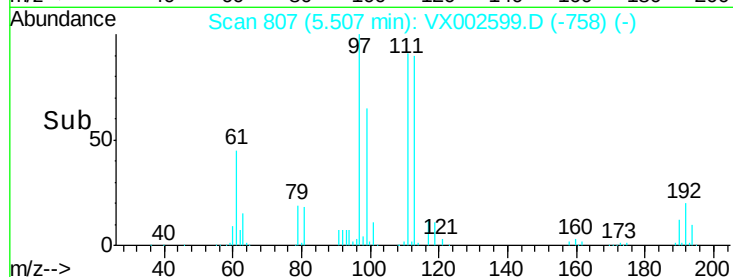
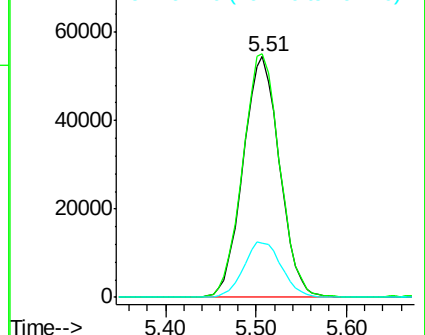
192 23.8 19.1 28.7



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: 45.56 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

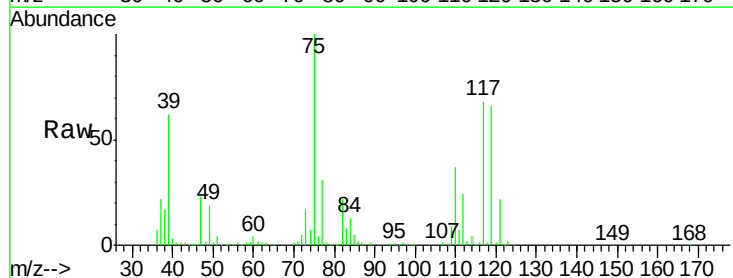
Tgt Ion: 75 Resp: 177940

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.4

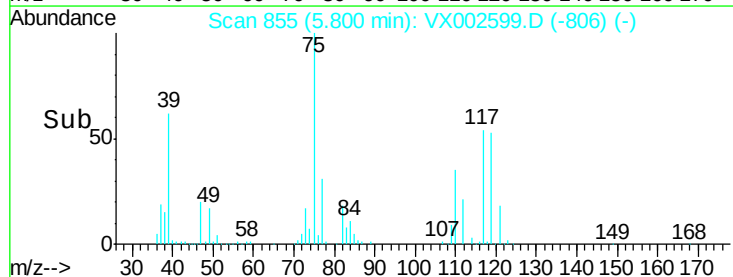
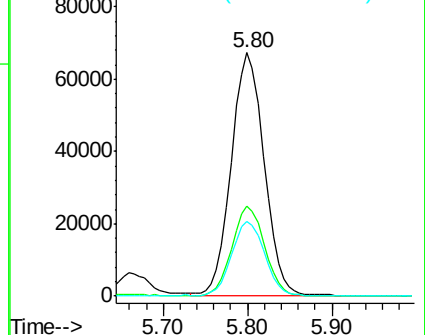
77 30.6 24.3 36.5

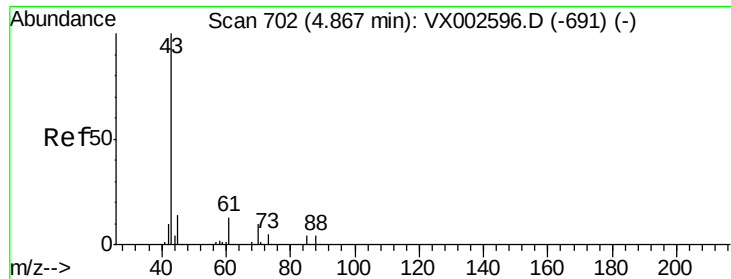


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

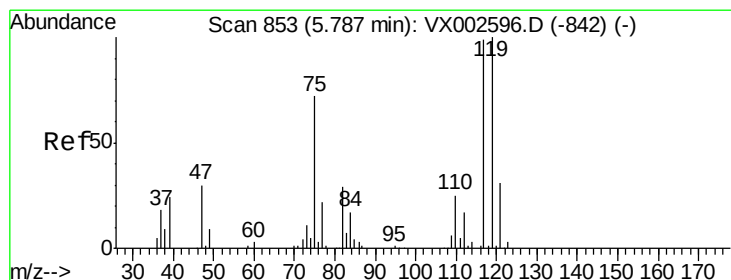
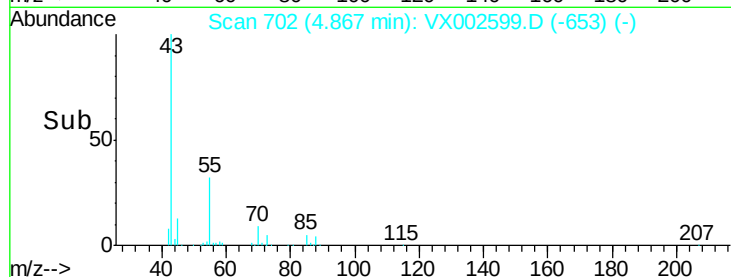
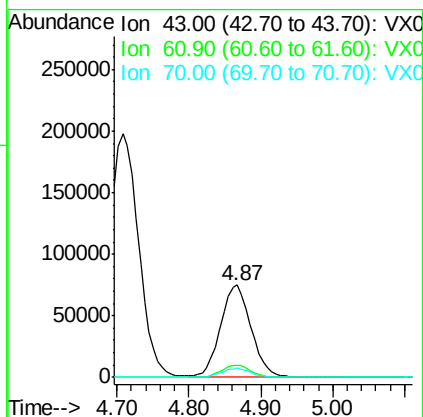
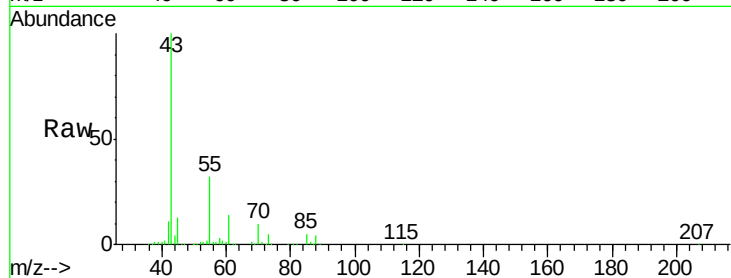




#37
Ethyl Acetate
Concen: 49.77 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

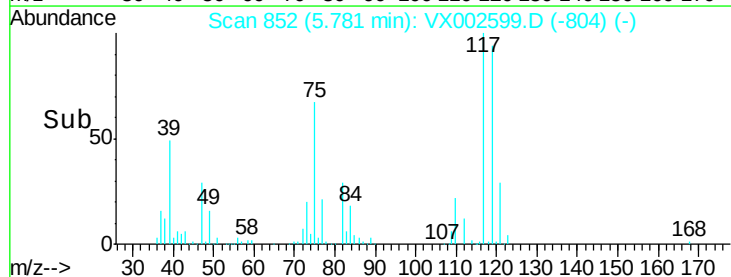
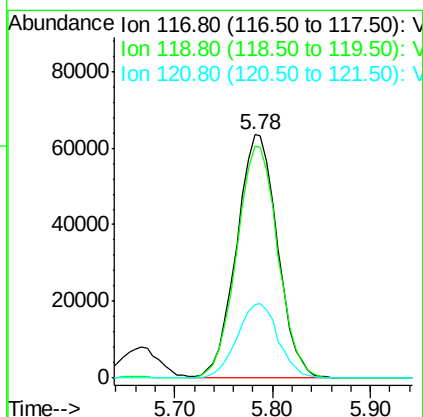
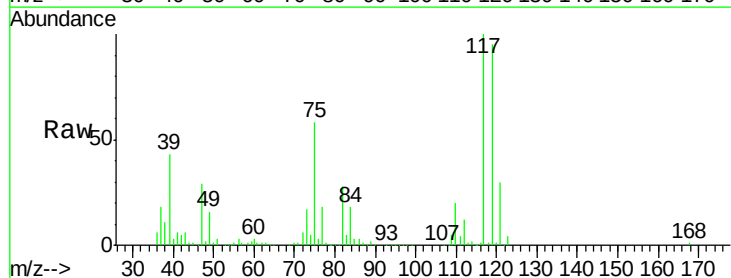
Instrument :
MSVOA_X
ClientSampled :
BFB

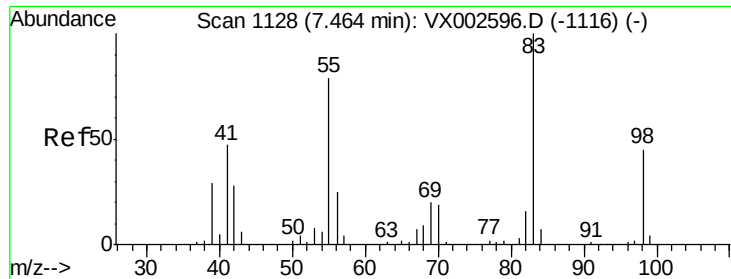
Tot Ion: 43 Resp: 220008
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 47.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 117 Resp: 184274
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
121 29.9 24.4 36.6

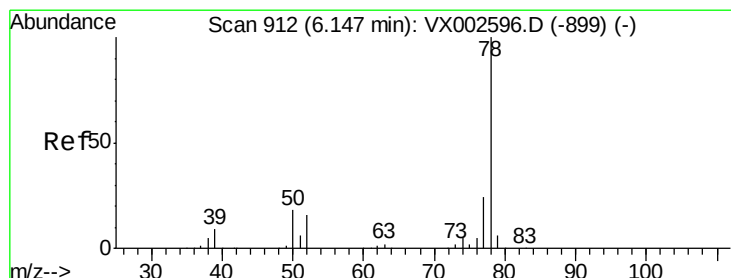
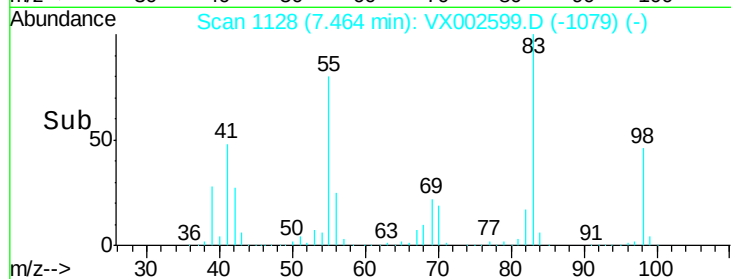
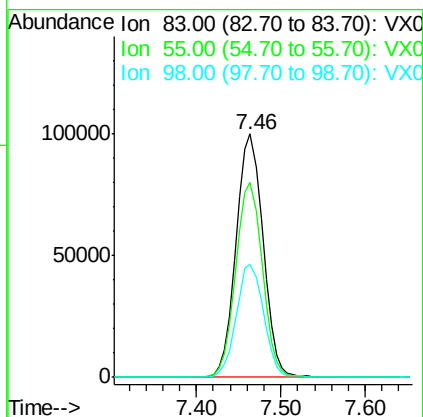
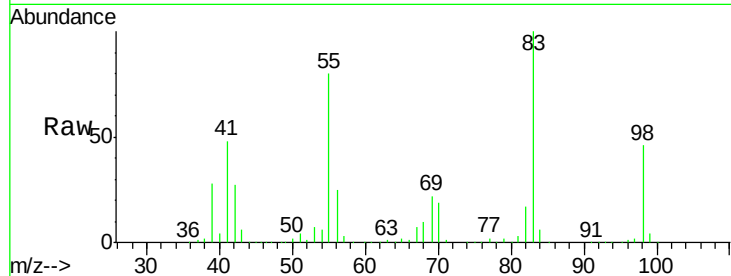




#39
Methylvlcyclohexane
Concen: 47.22 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

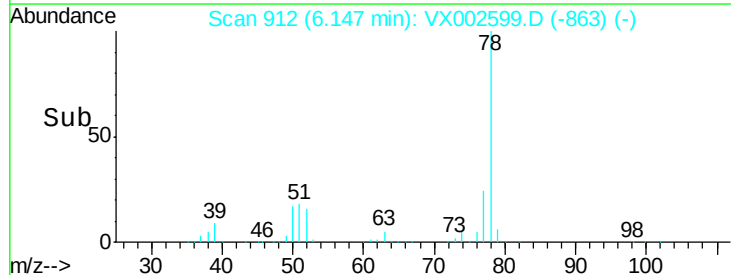
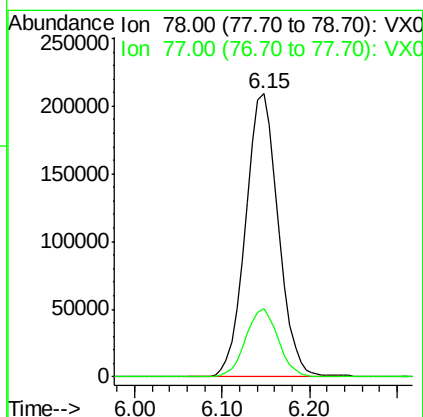
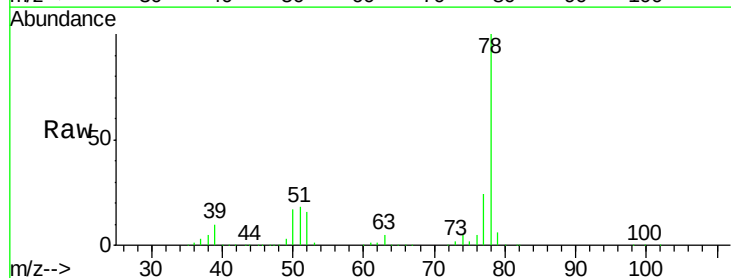
Instrument :
MSVOA_X
ClientSampleId :
BFB

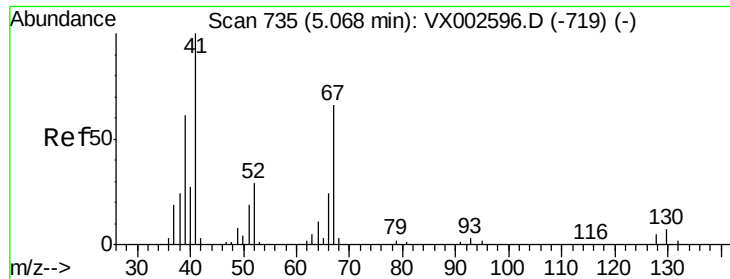
Tot Ion: 83 Resp: 215587
Ion Ratio Lower Upper
83 100
55 80.1 65.4 98.0
98 46.3 37.4 56.0



#40
Benzene
Concen: 46.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 78 Resp: 543905
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

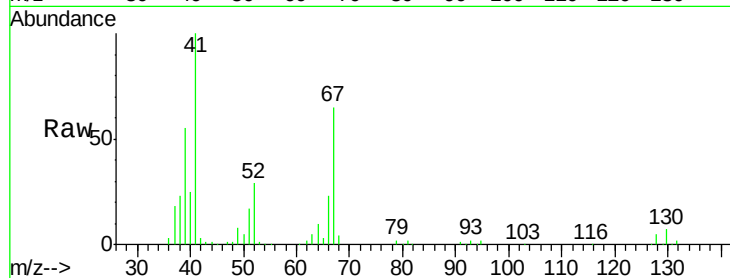




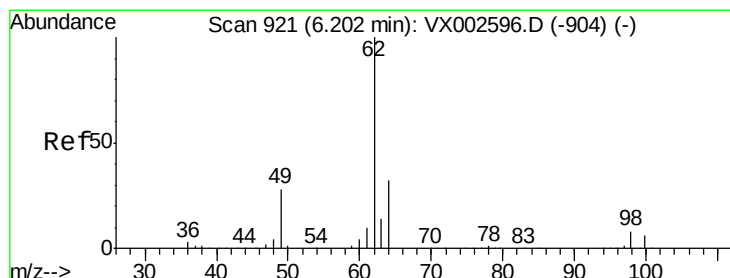
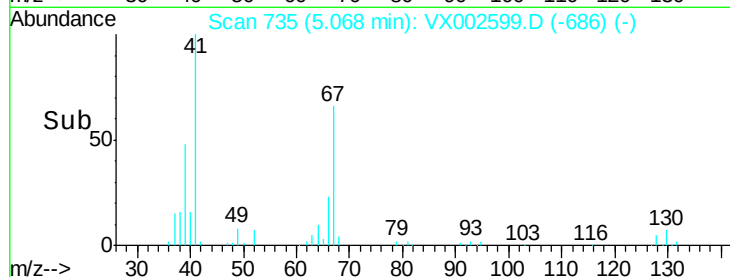
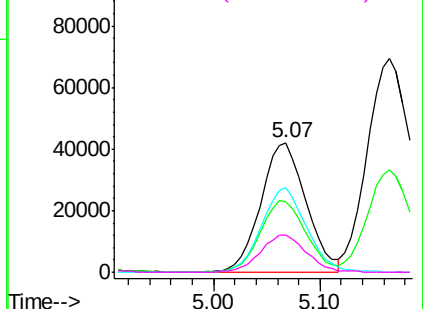
#41
Methacrylonitrile
Concen: 49.64 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:	41	Resp:	123917
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	65.2	51.3	76.9
52	29.2	23.0	34.6

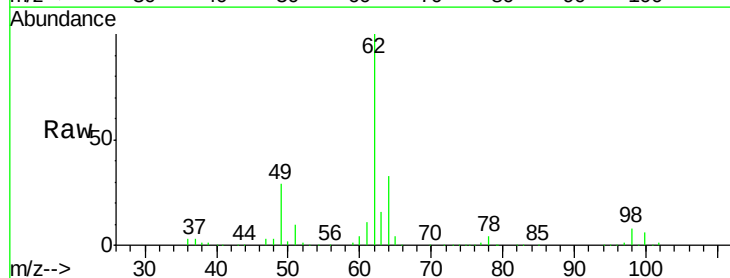


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

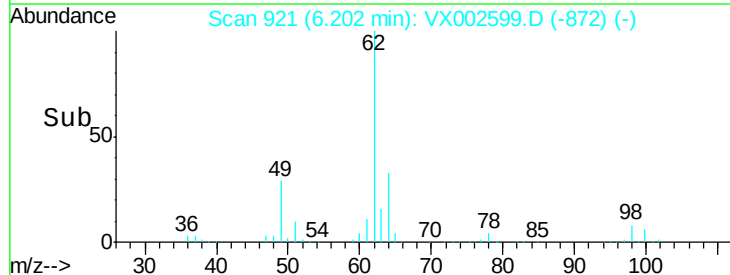
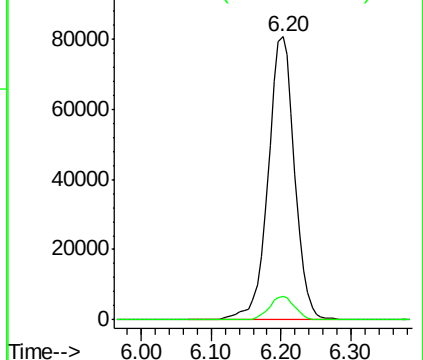


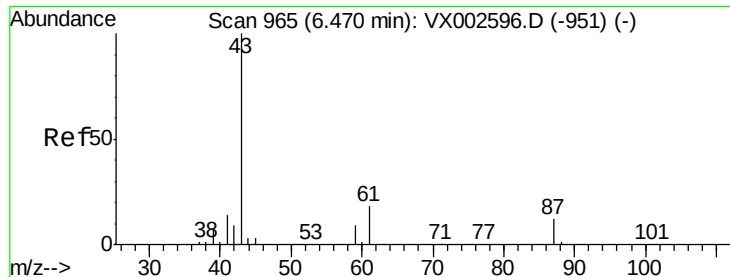
#42
1,2-Dichloroethane
Concen: 46.95 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion:	62	Resp:	212875
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 49.61 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

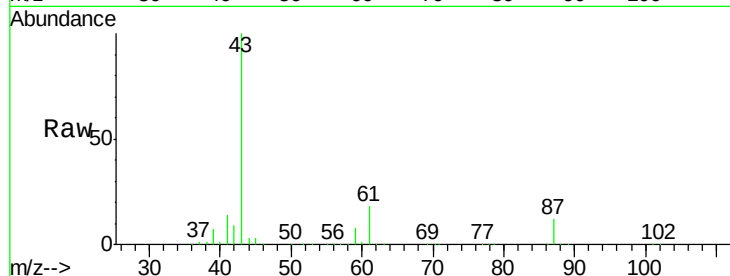
Tot Ion: 43 Resp: 363340

Ion Ratio Lower Upper

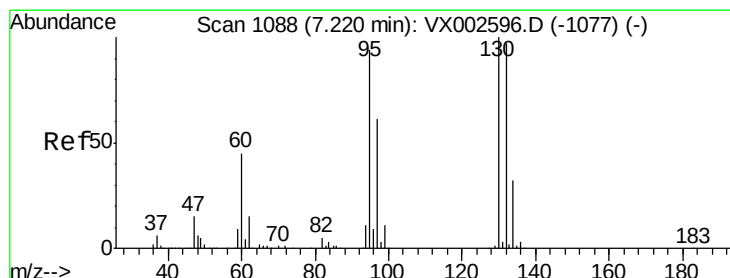
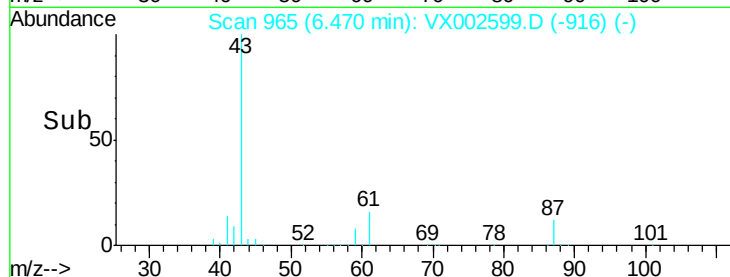
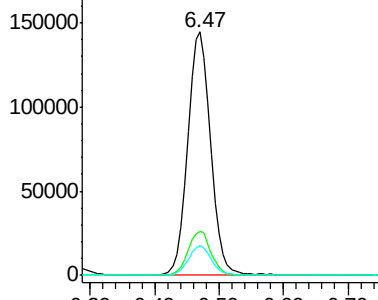
43 100

61 18.1 14.4 21.6

87 12.2 9.5 14.3



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



#44

Trichloroethene

Concen: 46.93 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002599.D

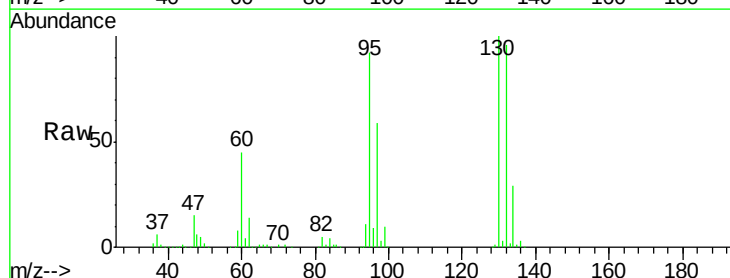
Acq: 15 Jun 2018 14:20

Tgt Ion:130 Resp: 158641

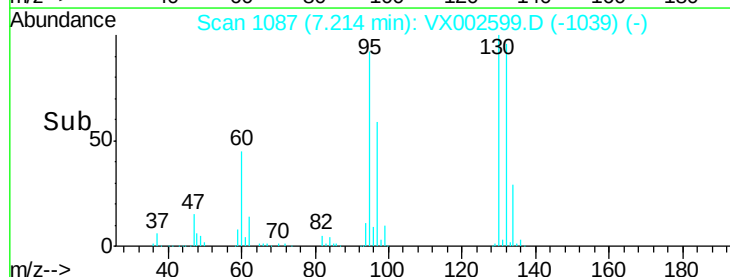
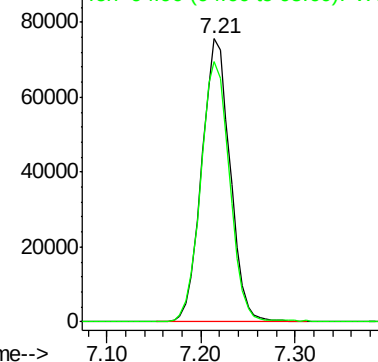
Ion Ratio Lower Upper

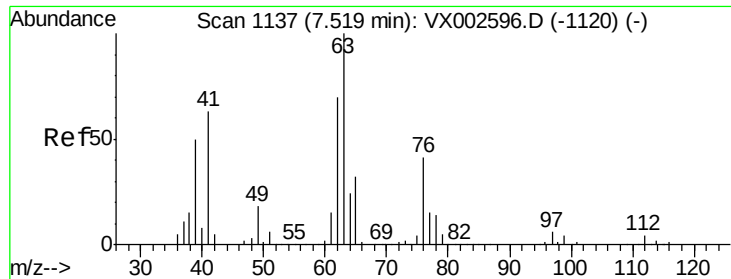
130 100

95 92.1 0.0 185.4



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

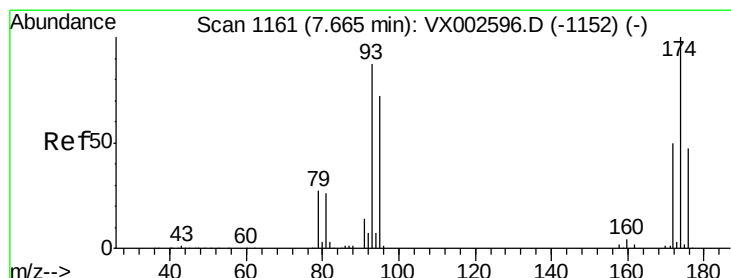
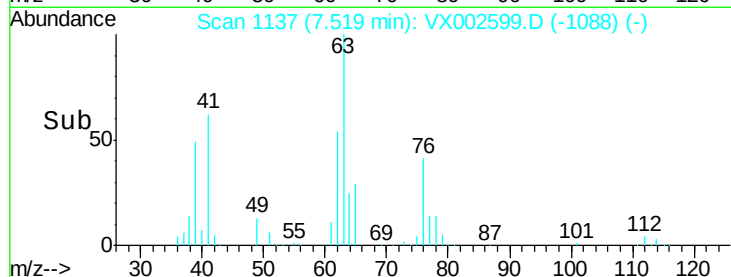
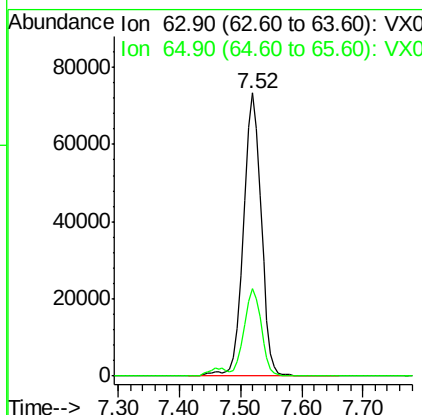
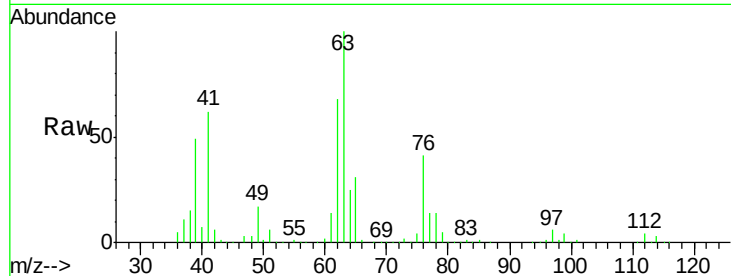




#45
 1,2-Dichloropropane
 Concen: 47.69 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

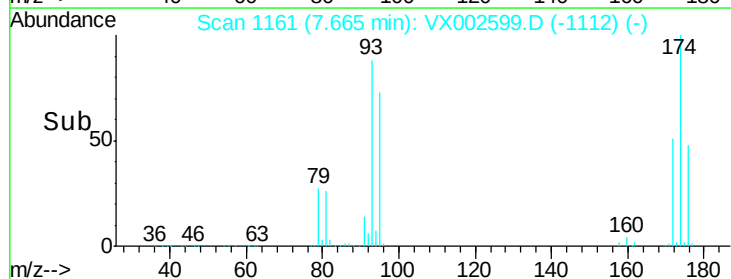
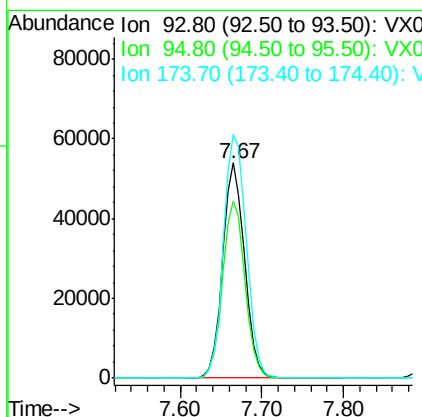
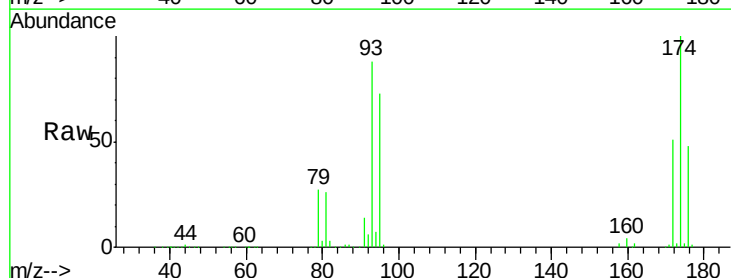
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

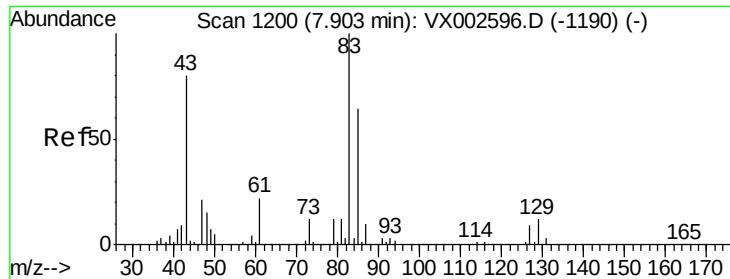
Tot Ion: 63 Resp: 146980
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 48.58 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 93 Resp: 100166
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 117.9 92.4 138.6





#47

Bromodichloromethane

Concen: 50.40 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

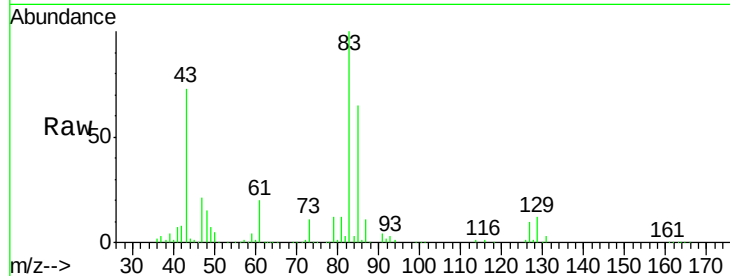
Tot Ion: 83 Resp: 183286

Ion Ratio Lower Upper

83 100

85 65.4 50.3 75.5

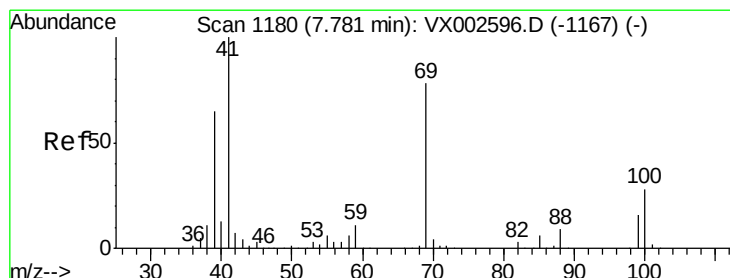
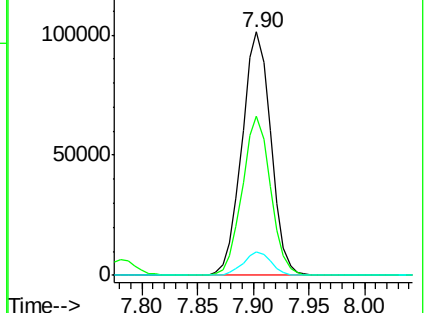
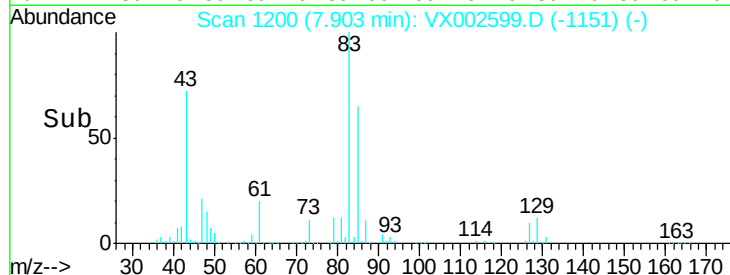
127 9.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.20 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

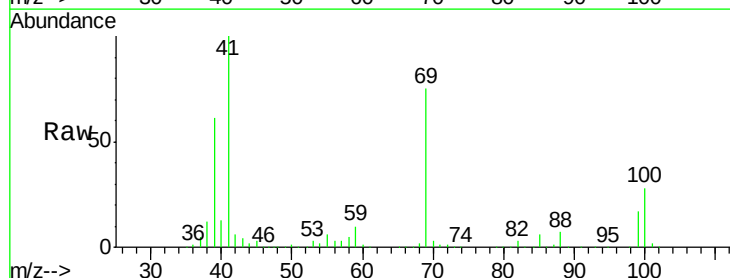
Tgt Ion: 41 Resp: 187881

Ion Ratio Lower Upper

41 100

69 75.4 59.1 88.7

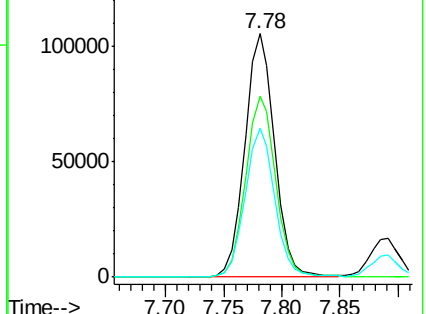
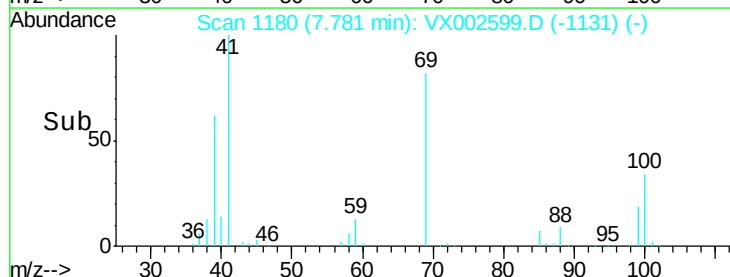
39 60.9 48.9 73.3

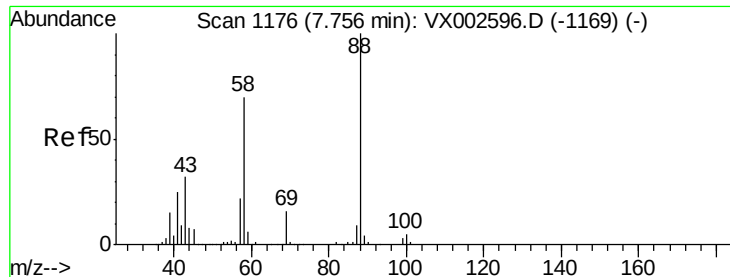


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 878.97 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

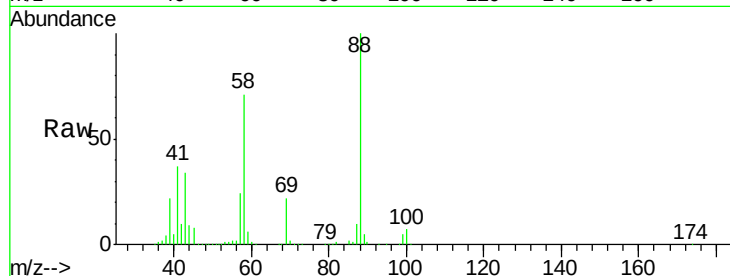
Tot Ion: 88 Resp: 62303

Ion Ratio Lower Upper

88 100

43 38.5 29.8 44.6

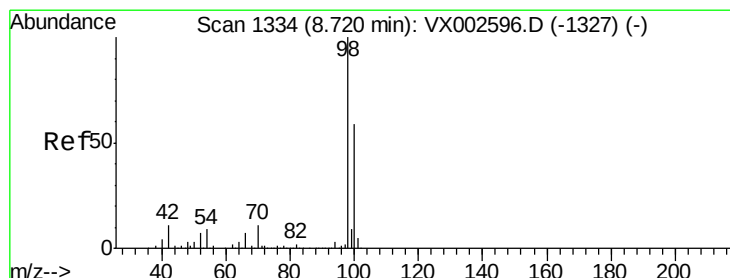
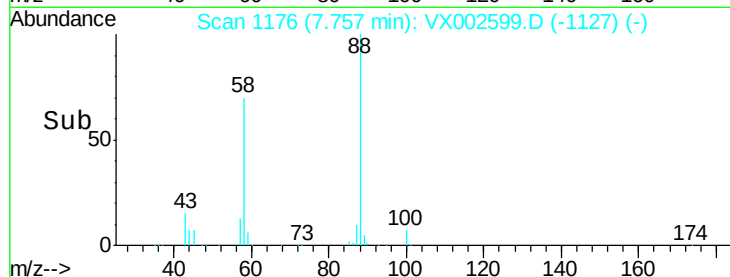
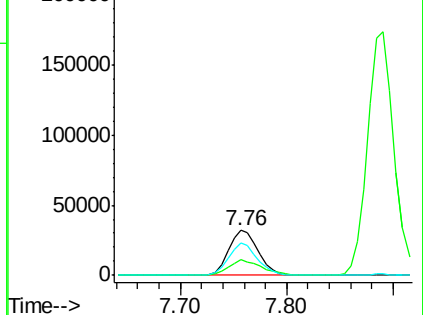
58 70.8 57.1 85.7



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: 51.15 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002599.D

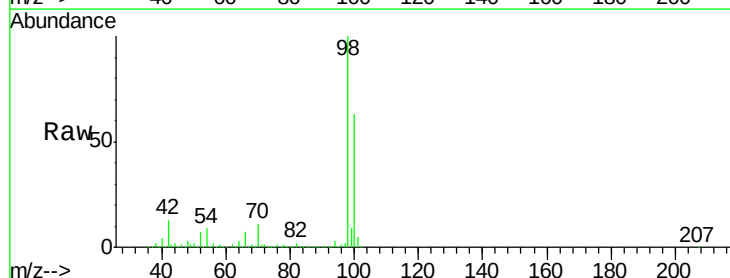
Acq: 15 Jun 2018 14:20

Tgt Ion: 98 Resp: 570049

Ion Ratio Lower Upper

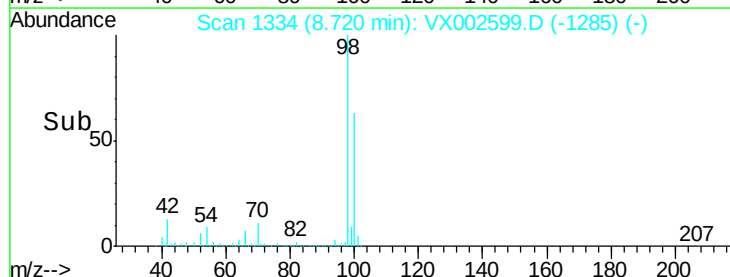
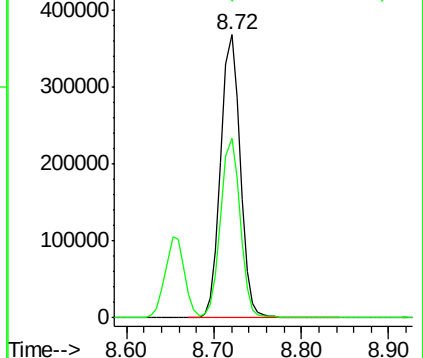
98 100

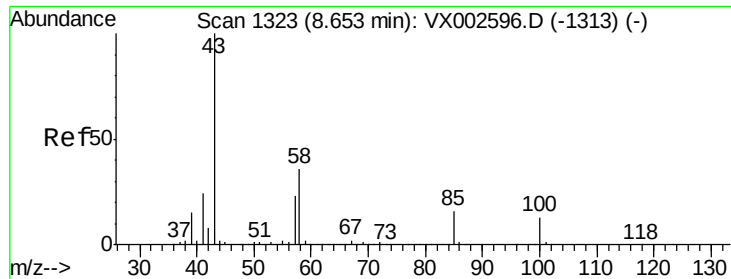
100 63.9 50.9 76.3



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: 252.34 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

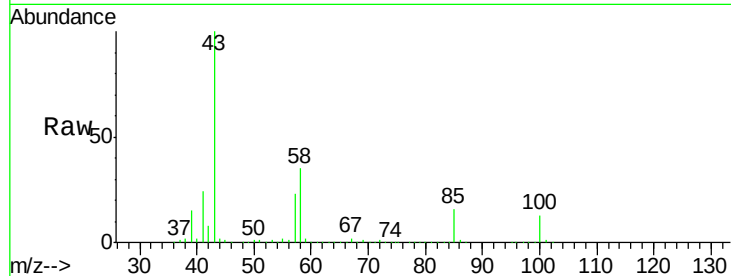
BFB

Tot Ion: 43 Resp: 1186735

Ion Ratio Lower Upper

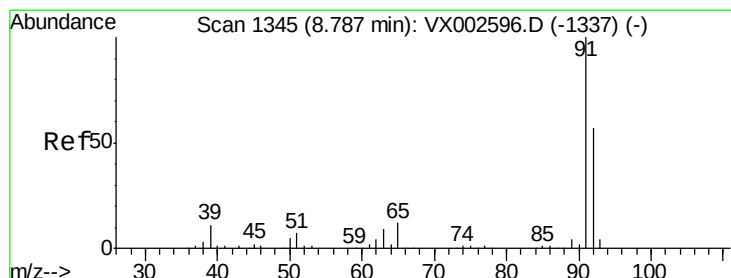
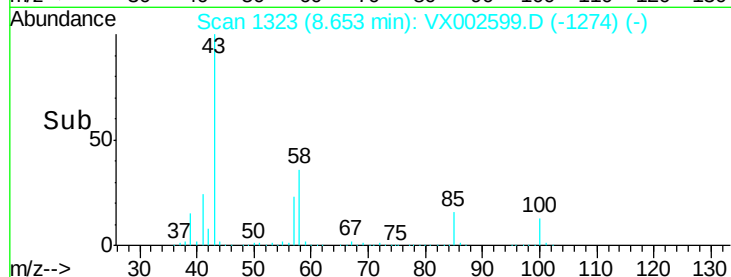
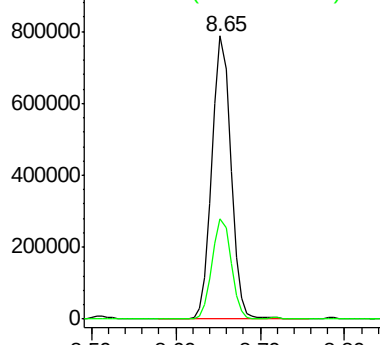
43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.70 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002599.D

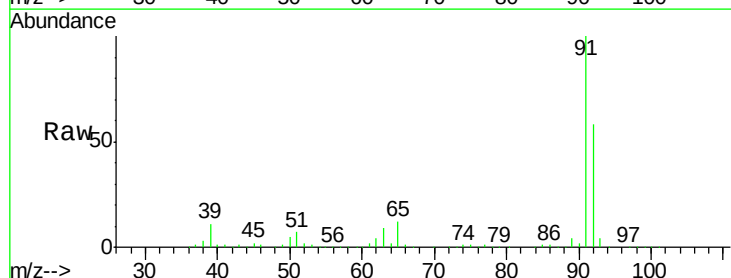
Acq: 15 Jun 2018 14:20

Tgt Ion: 92 Resp: 356367

Ion Ratio Lower Upper

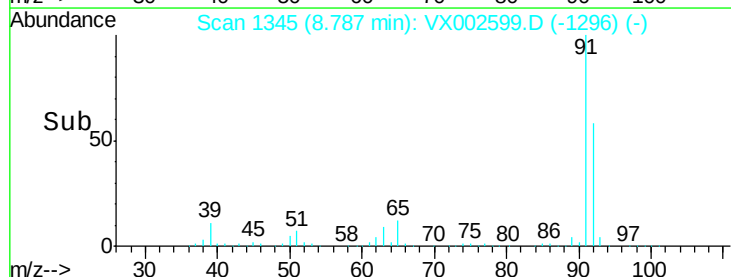
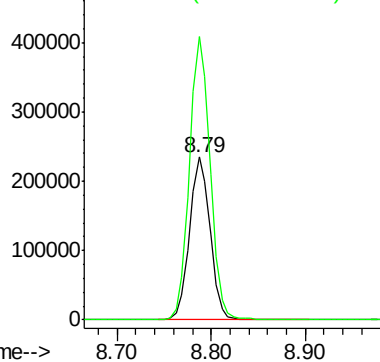
92 100

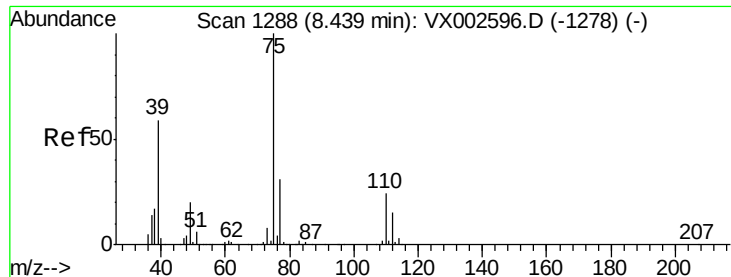
91 174.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.16 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

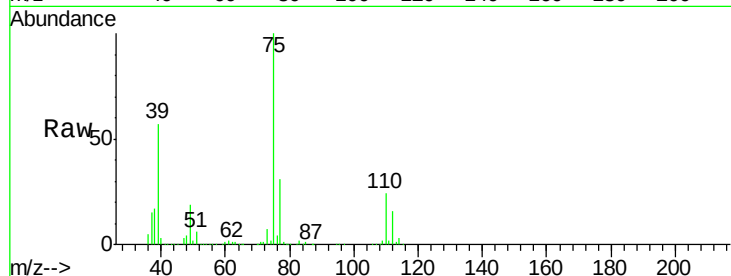
BFB

Tot Ion: 75 Resp: 226331

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

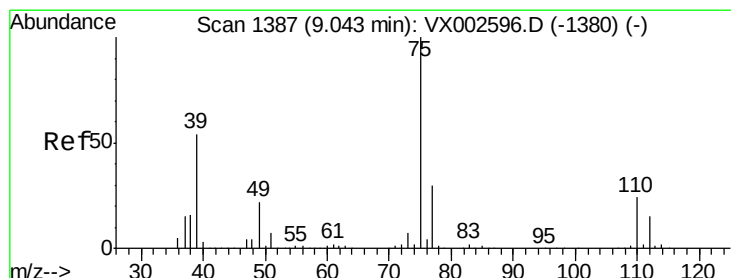
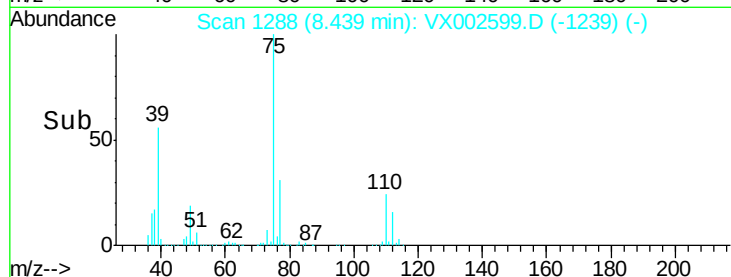
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.96 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

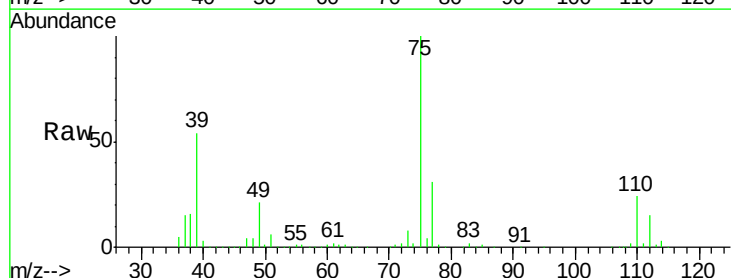
Tgt Ion: 75 Resp: 214692

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 54.0 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

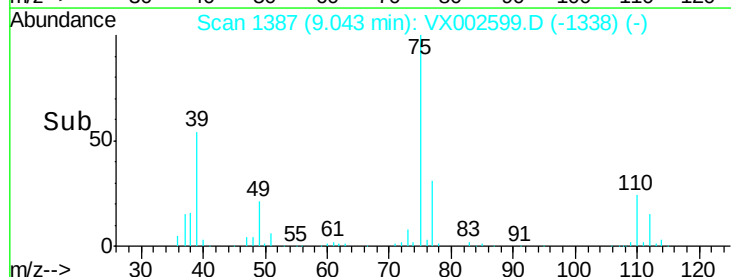
150000

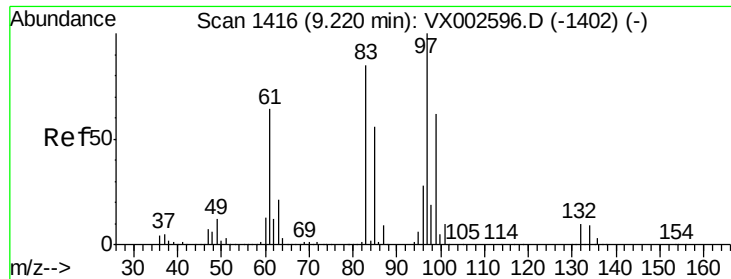
100000

50000

0

Time-->

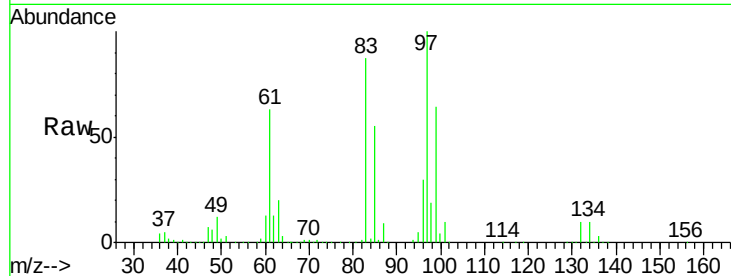




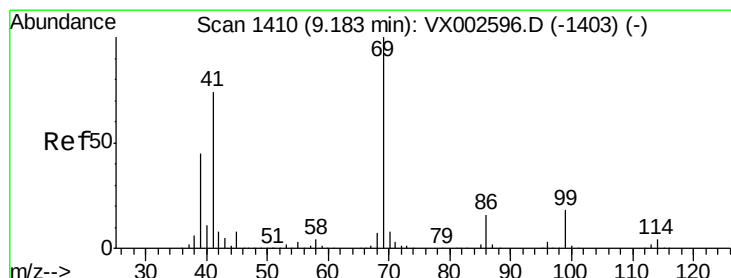
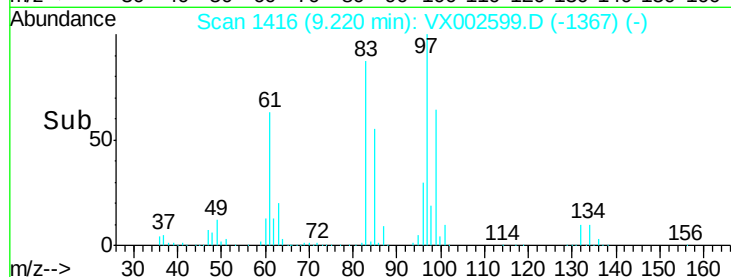
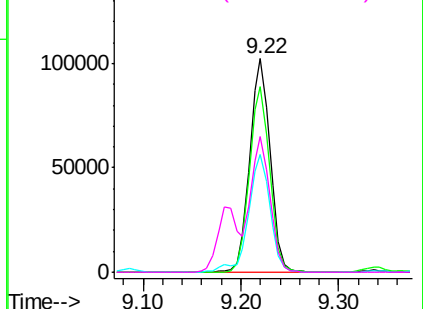
#55
 1,1,2-Trichloroethane
 Concen: 49.08 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion: 97 Resp: 148166
 Ion Ratio Lower Upper
 97 100
 83 86.7 70.2 105.2
 85 55.1 44.9 67.3
 99 63.8 49.8 74.8

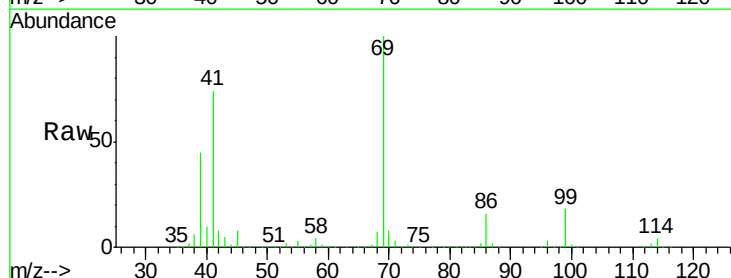


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

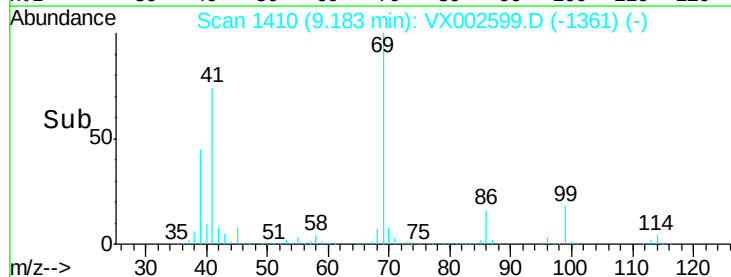
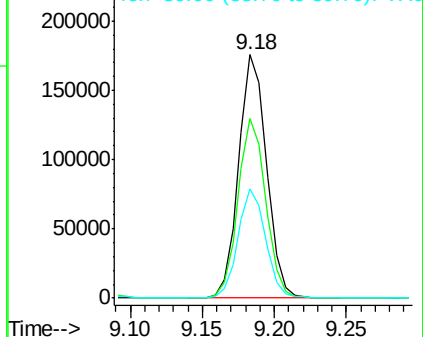


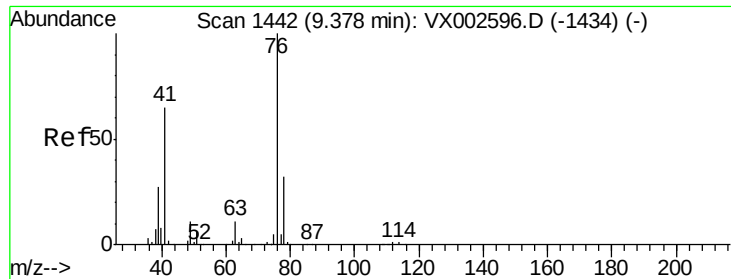
#56
 Ethyl methacrylate
 Concen: 51.04 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 69 Resp: 237093
 Ion Ratio Lower Upper
 69 100
 41 73.3 60.3 90.5
 39 44.2 35.8 53.8



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

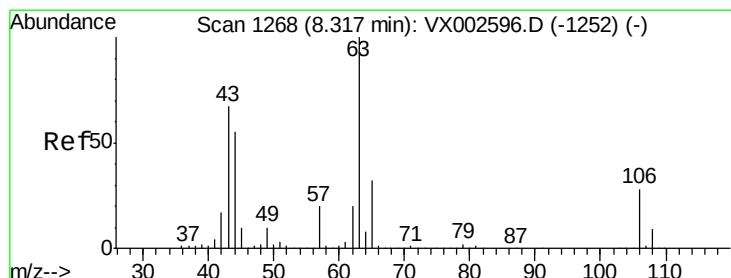
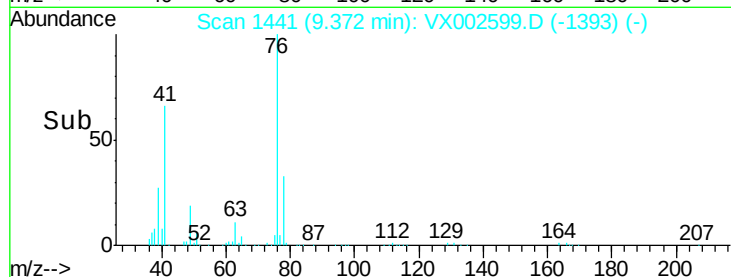
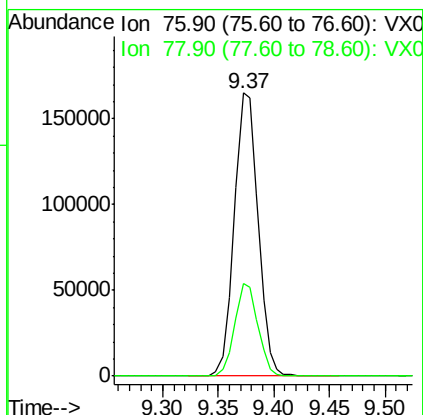
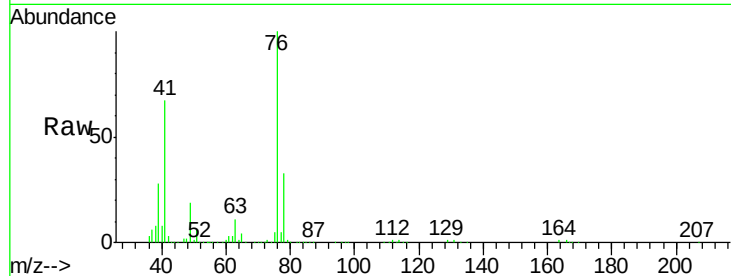




#57
 1,3-Dichloropropane
 Concen: 48.00 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

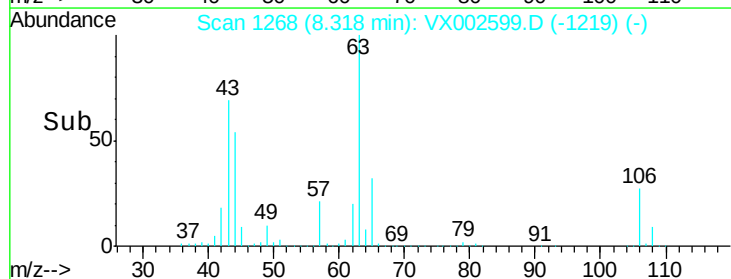
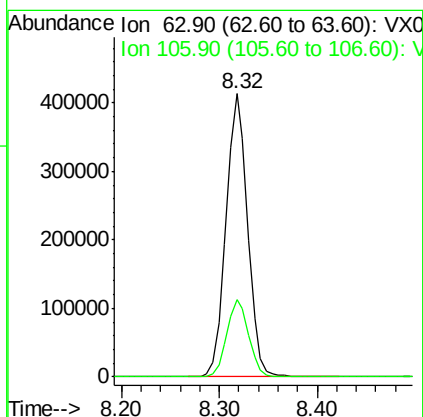
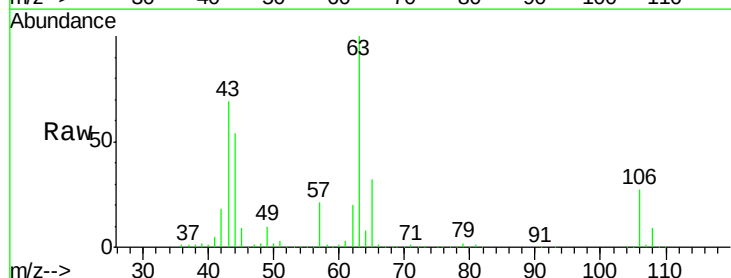
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

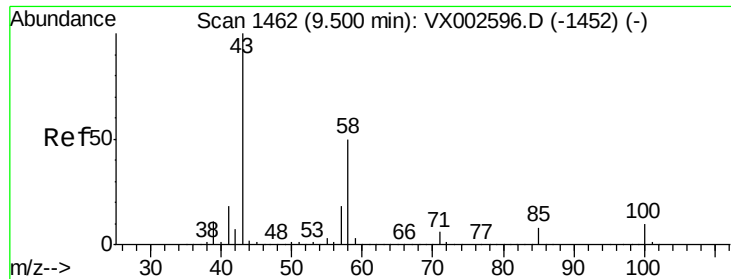
Tot Ion: 76 Resp: 245091
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.11 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 63 Resp: 631627
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.8

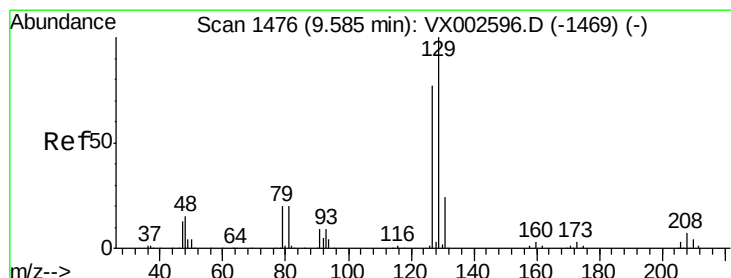
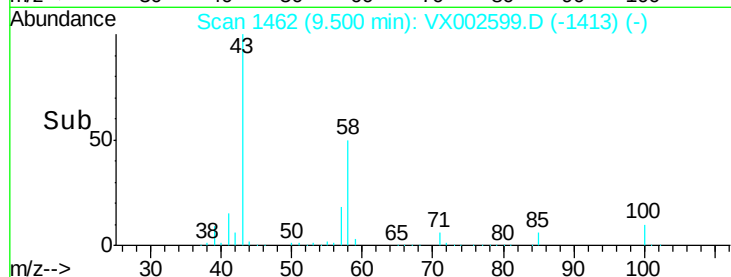
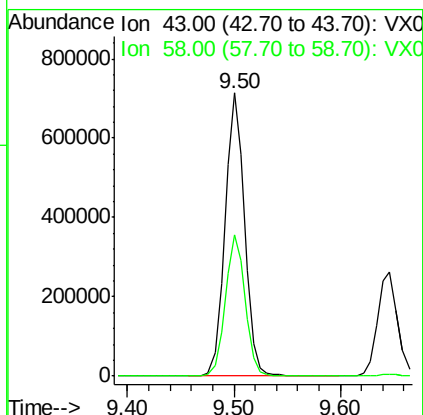
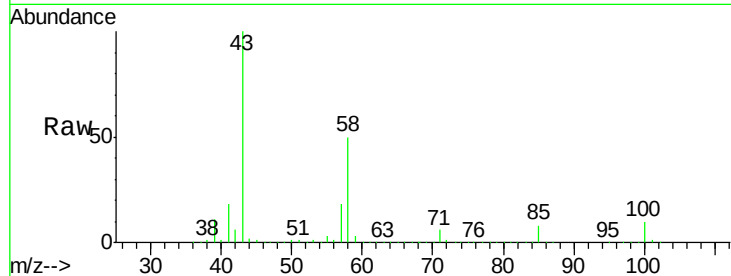




#59
2-Hexanone
Concen: 258.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

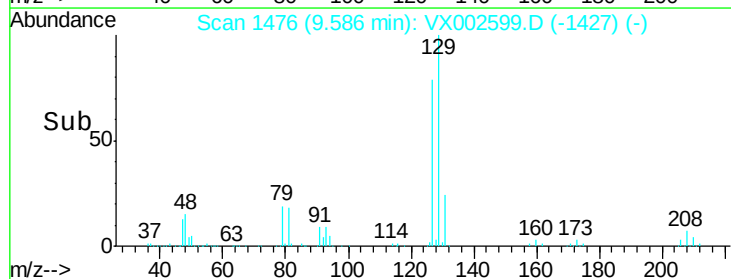
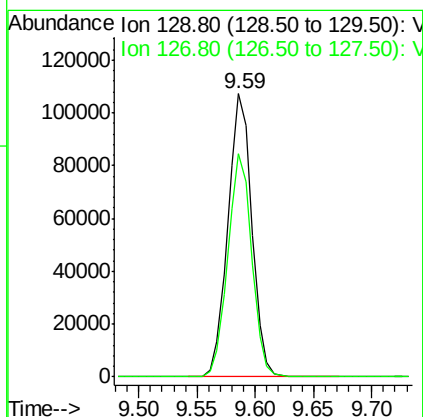
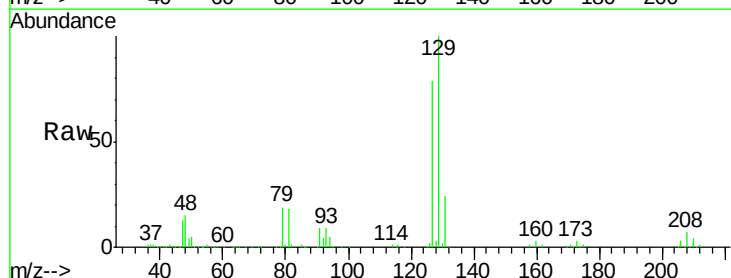
Instrument :
MSVOA_X
ClientSampled :
BFB

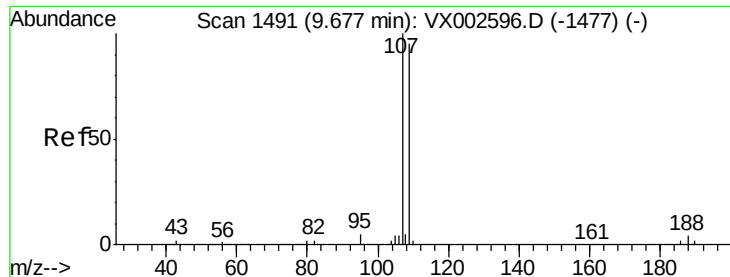
Tot Ion: 43 Resp: 916716
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6



#60
Dibromochloromethane
Concen: 45.50 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion: 129 Resp: 153281
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

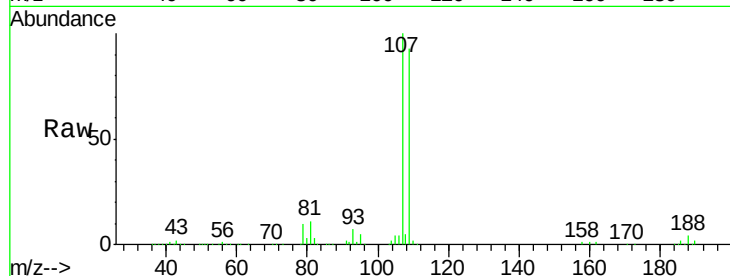
BFB

Tot Ion:107 Resp: 159788

Ion Ratio Lower Upper

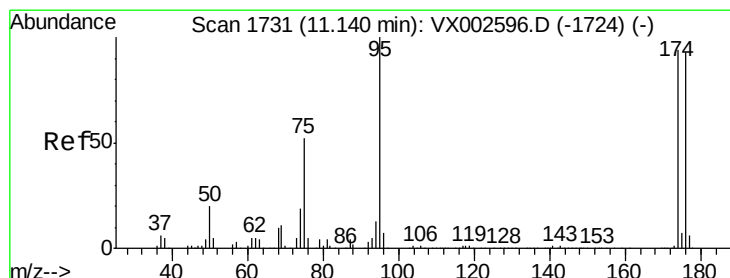
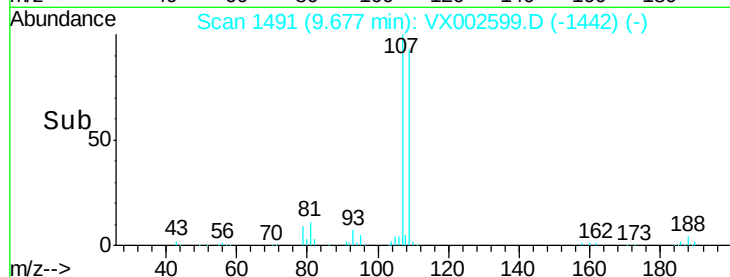
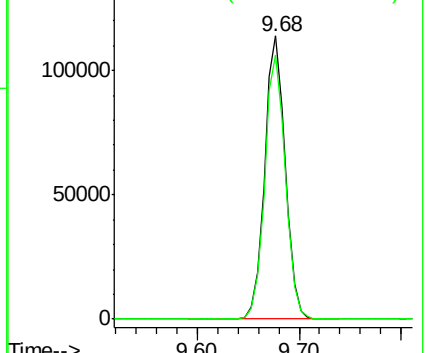
107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

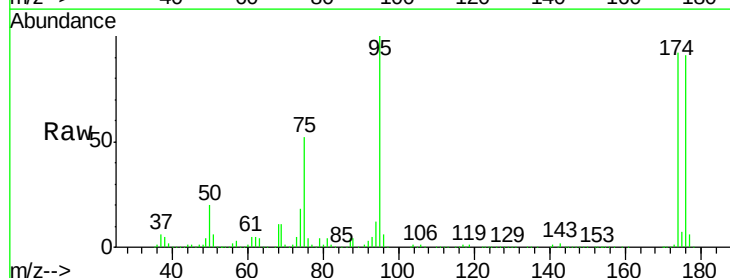
Tgt Ion: 95 Resp: 223625

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

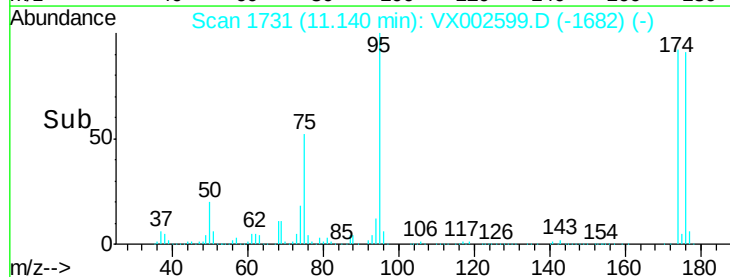
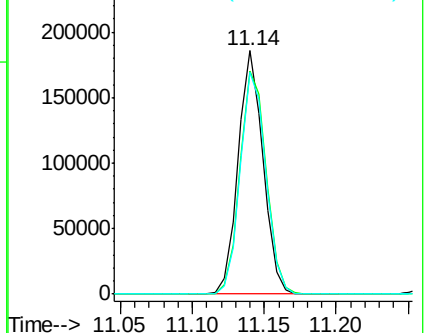
176 93.7 0.0 181.0

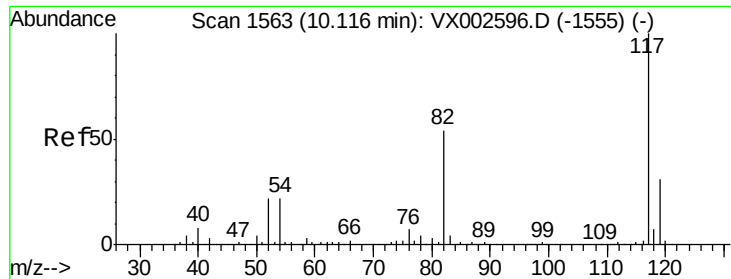


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

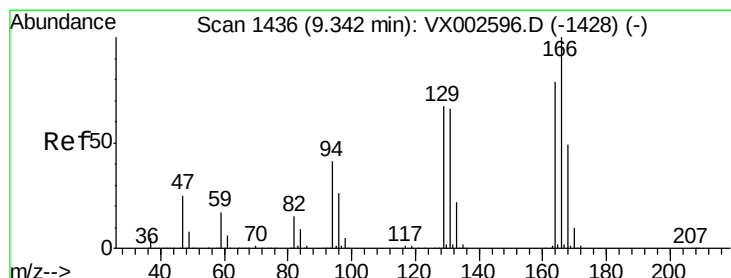
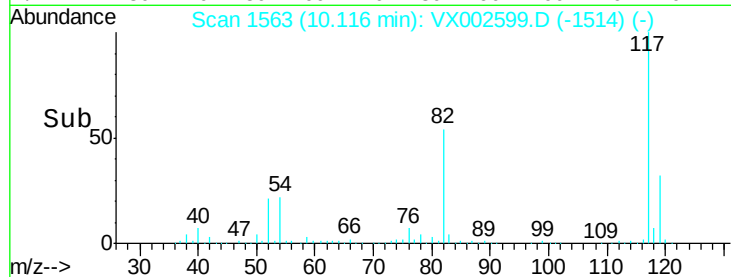
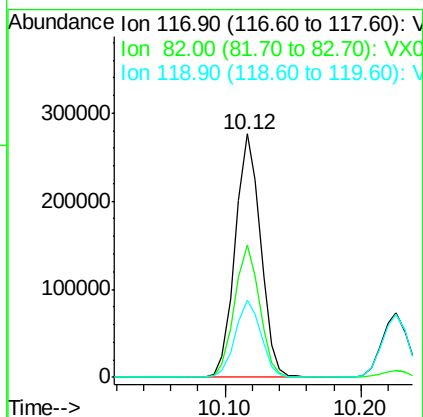
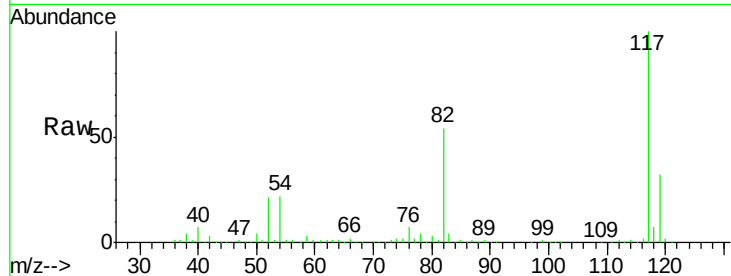




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

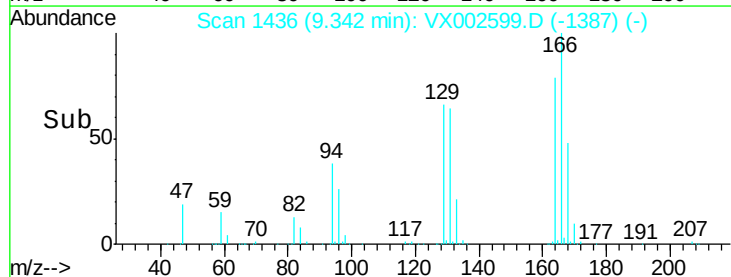
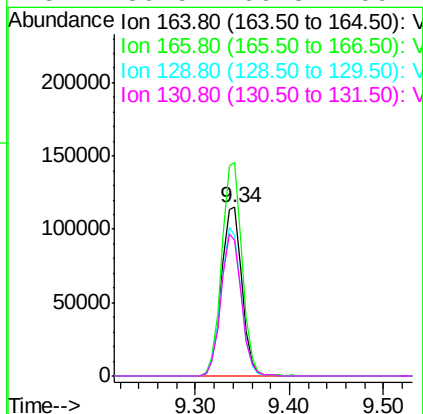
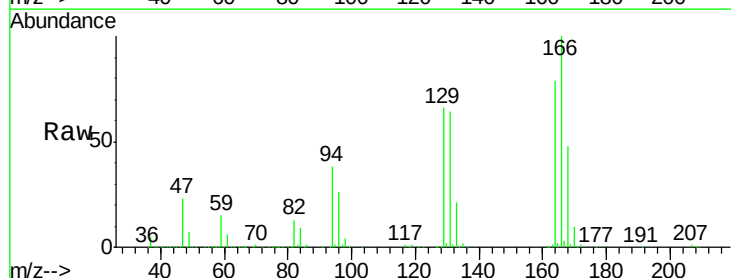
Instrument :
MSVOA_X
ClientSampled :
BFB

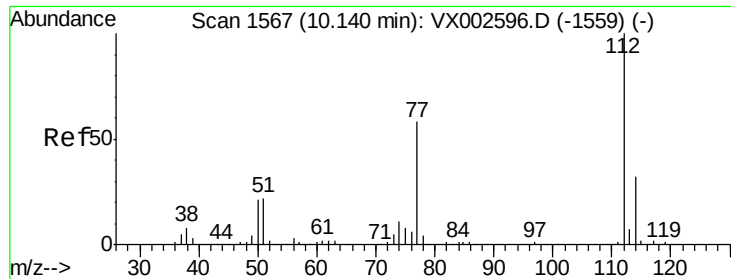
Tot Ion:117 Resp: 360490
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 43.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion:164 Resp: 172507
Ion Ratio Lower Upper
164 100
166 126.6 102.9 154.3
129 83.8 68.6 102.8
131 80.5 66.8 100.2





#65

Chlorobenzene

Concen: 46.85 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

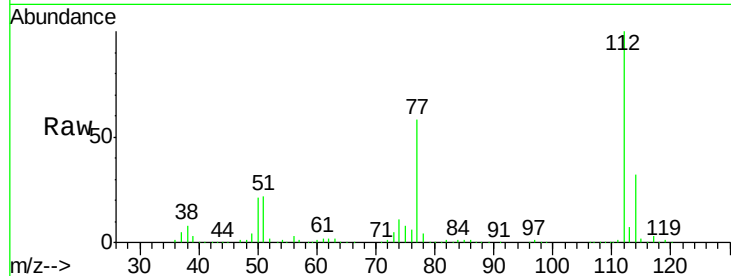
BFB

Tot Ion:112 Resp: 414795

Ion Ratio Lower Upper

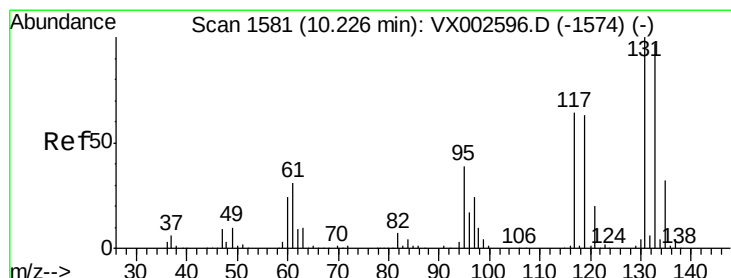
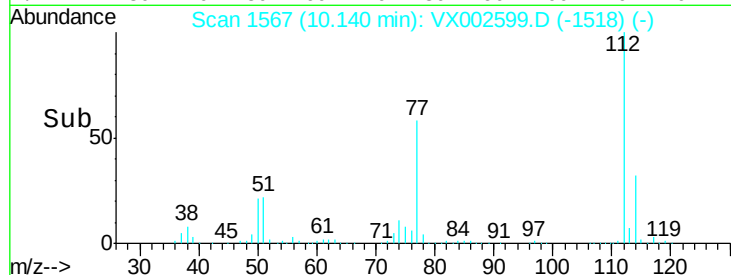
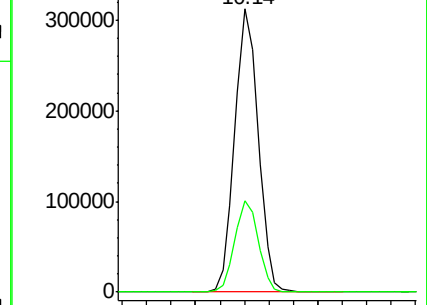
112 100

114 32.5 25.3 37.9



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: 50.28 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

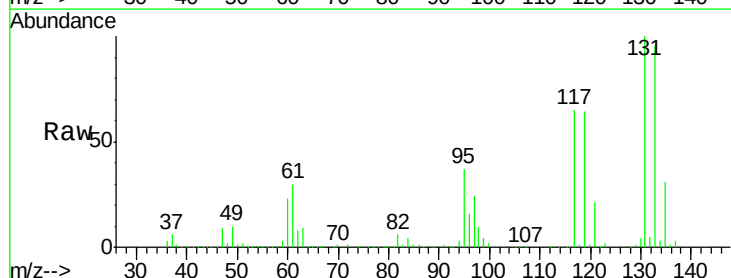
Tgt Ion:131 Resp: 151751

Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.6

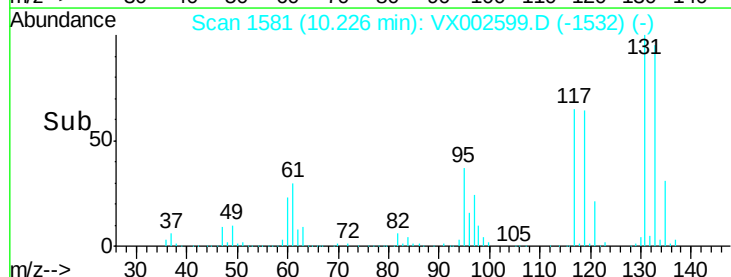
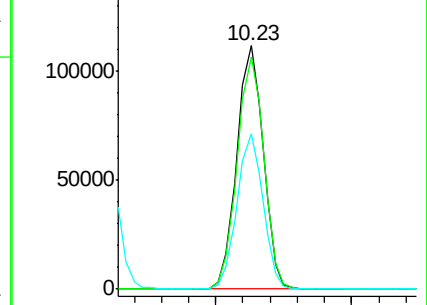
119 63.1 31.8 95.3

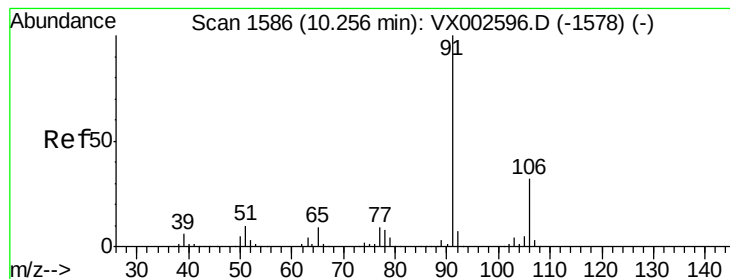


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.92 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

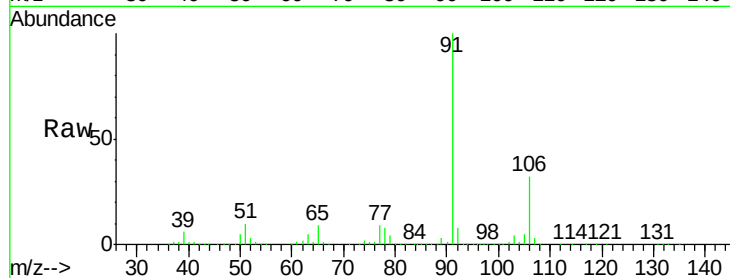
BFB

Tot Ion: 91 Resp: 700581

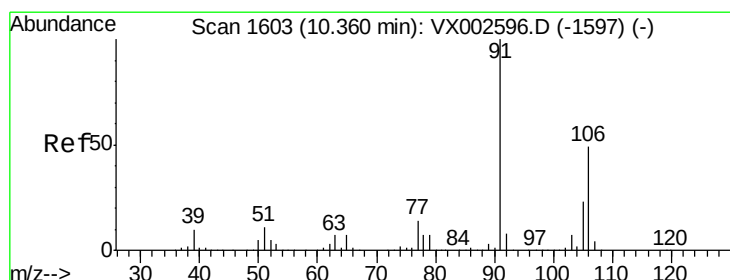
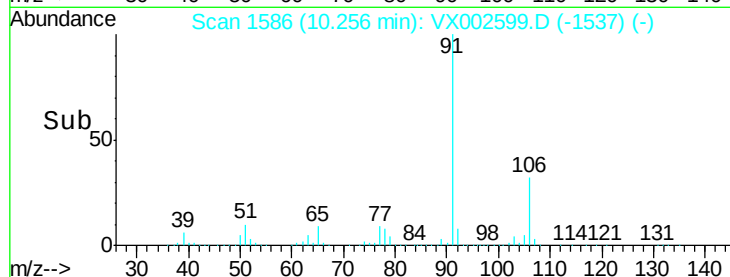
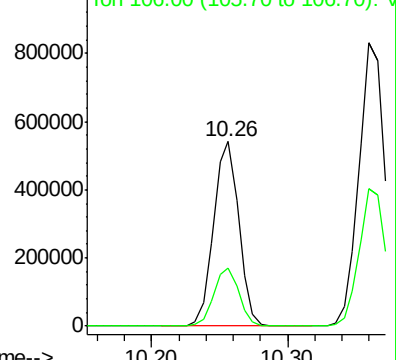
Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX002599.D (-1578) (-)



#68

m/p-Xylenes

Concen: 94.25 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002599.D

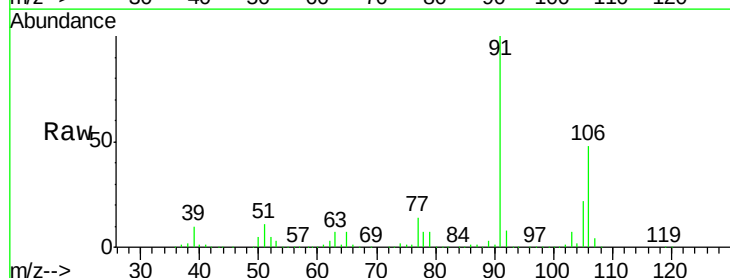
Acq: 15 Jun 2018 14:20

Tgt Ion: 106 Resp: 542882

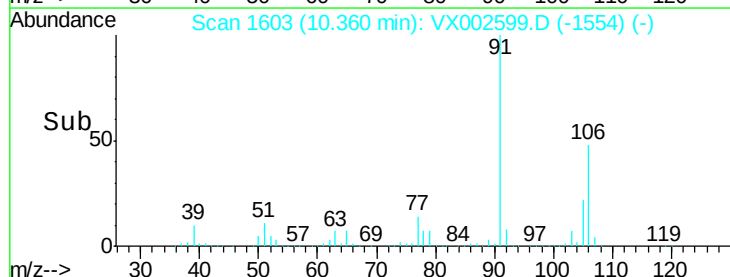
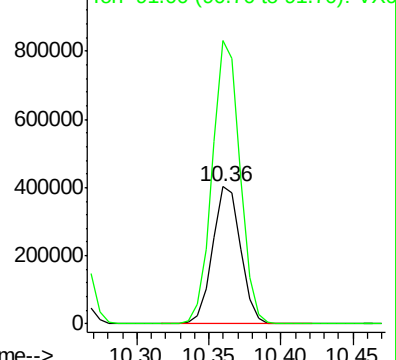
Ion Ratio Lower Upper

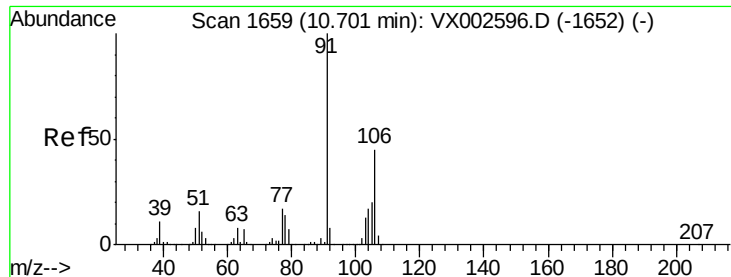
106 100

91 204.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002599.D (-1597) (-)

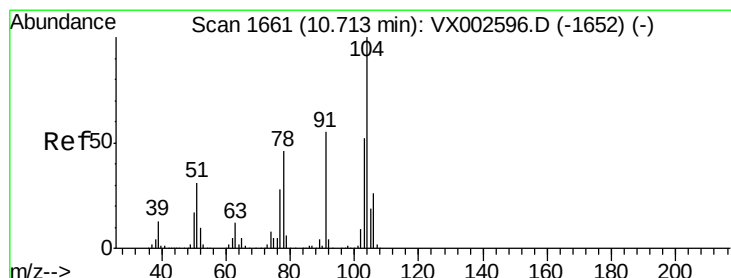
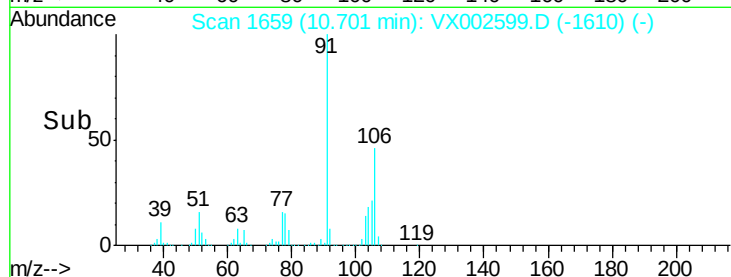
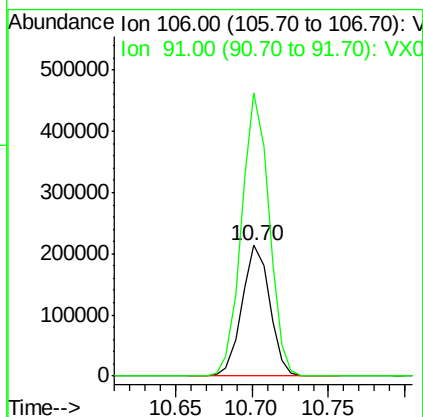
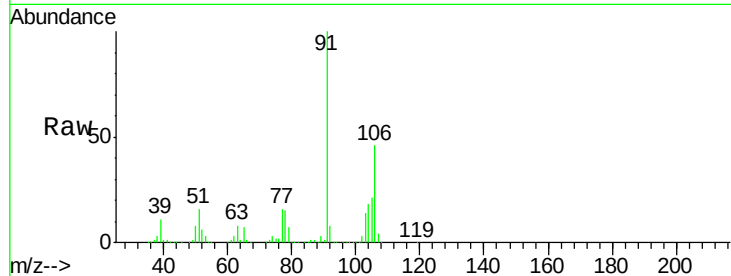




#69
o-Xylene
Concen: 47.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

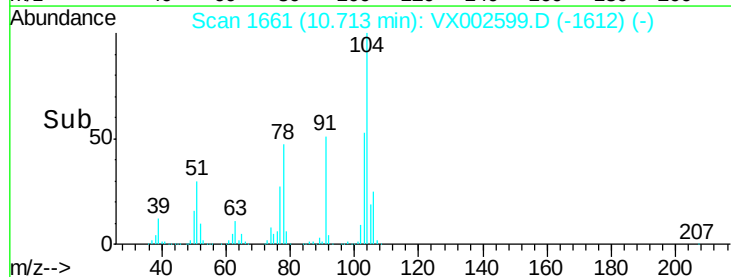
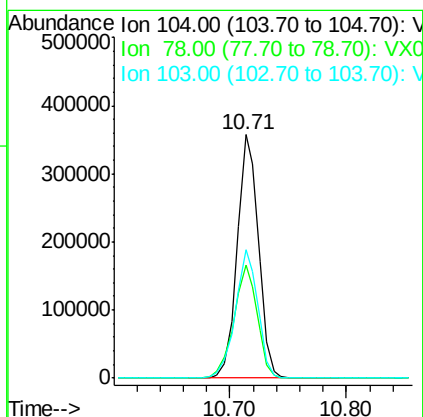
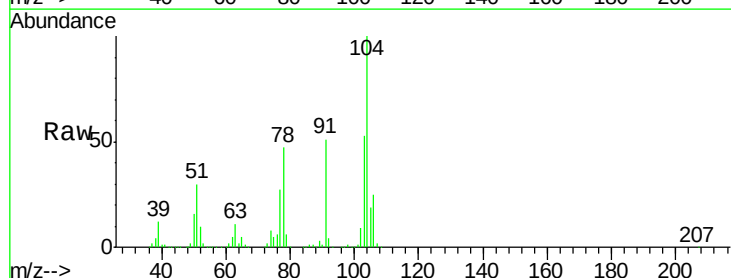
Instrument :
MSVOA_X
ClientSampled :
BFB

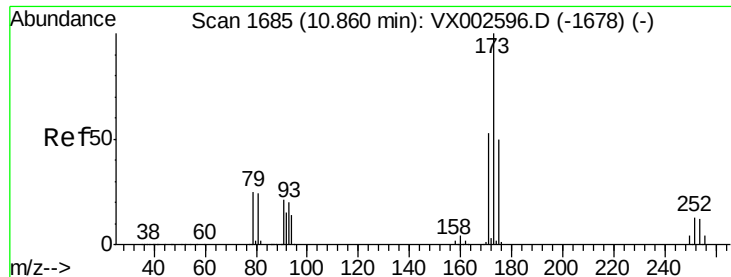
Tot Ion:106 Resp: 267966
Ion Ratio Lower Upper
106 100
91 216.1 108.2 324.6



#70
Styrene
Concen: 48.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion:104 Resp: 455082
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.9 44.2 66.4

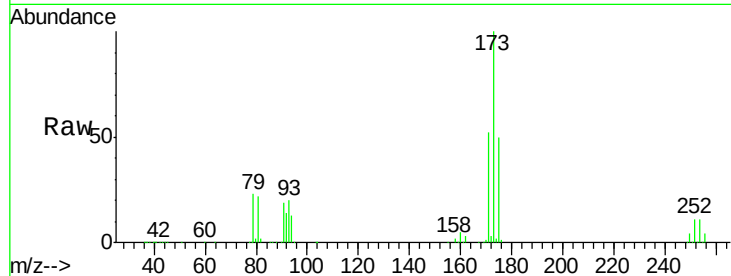




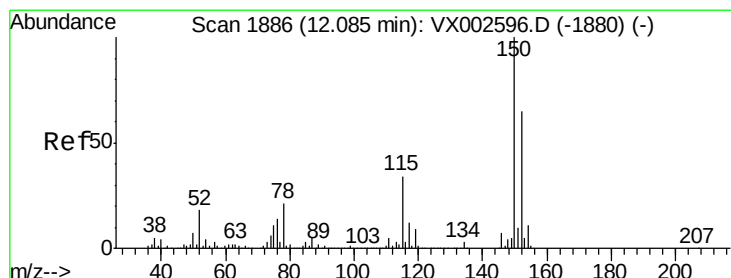
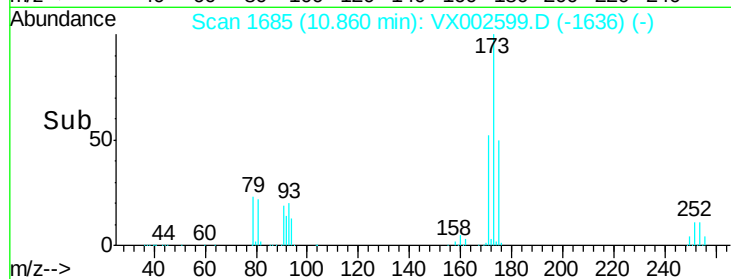
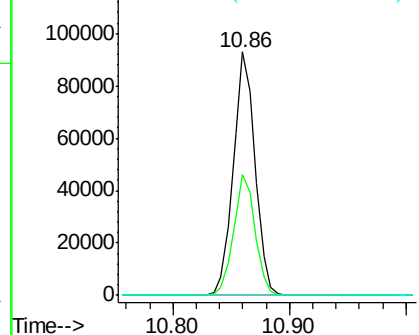
#71
Bromoform
Concen: 44.37 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:173 Resp: 120255
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2

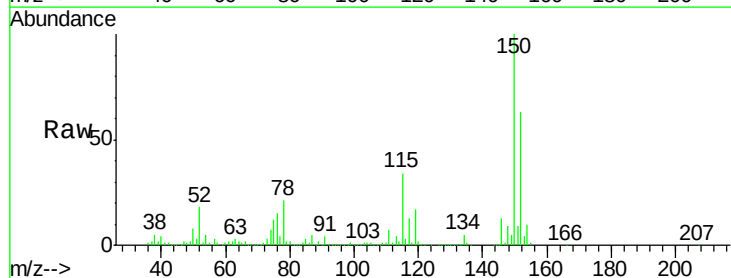


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

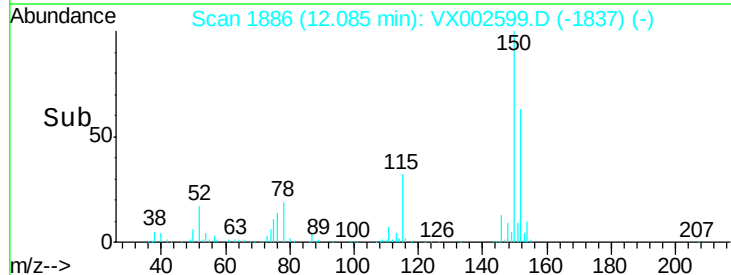
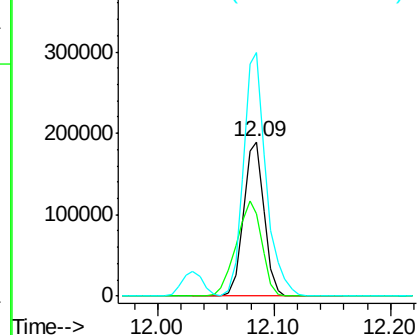


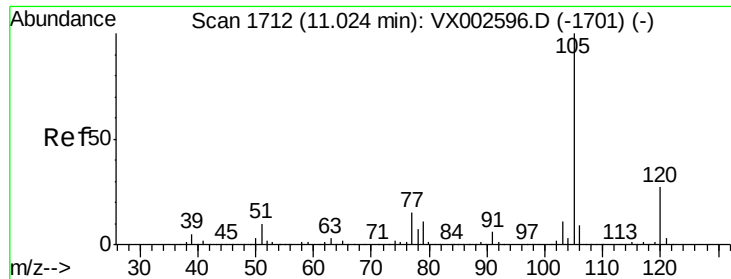
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002599.D
Acq: 15 Jun 2018 14:20

Tgt Ion:152 Resp: 232426
Ion Ratio Lower Upper
152 100
115 76.8 40.1 120.2
150 173.6 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

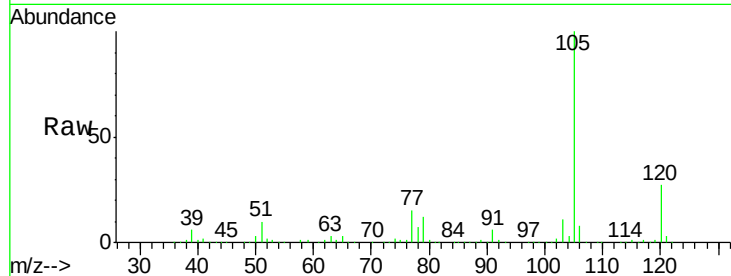
BFB

Tot Ion:105 Resp: 716185

Ion Ratio Lower Upper

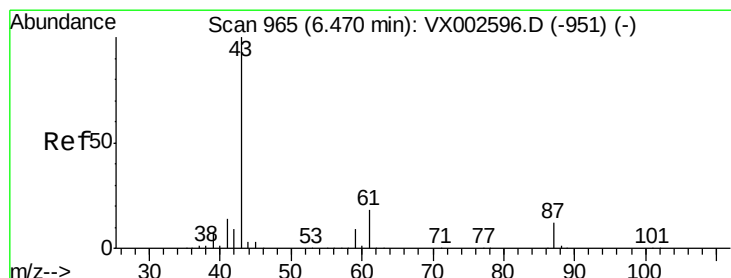
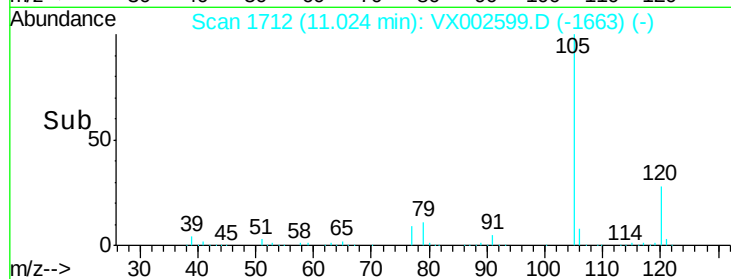
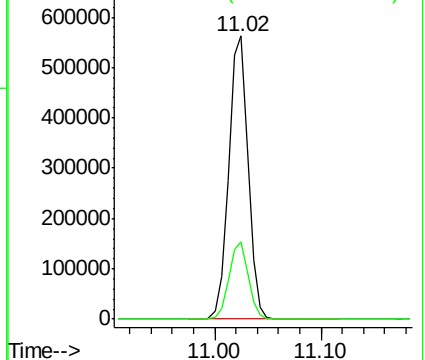
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Tgt Ion: 43 Resp: 363340

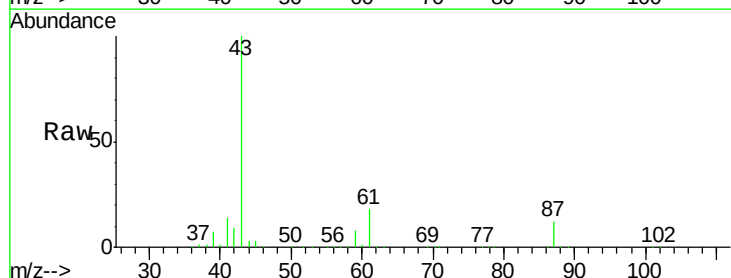
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

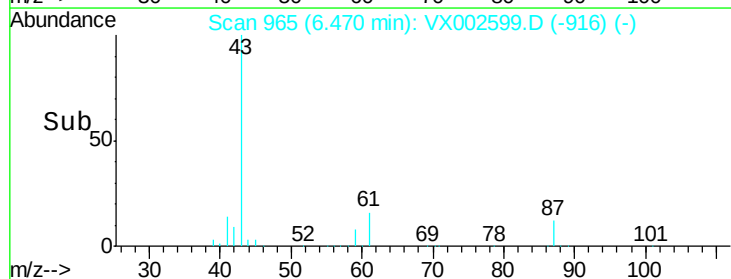
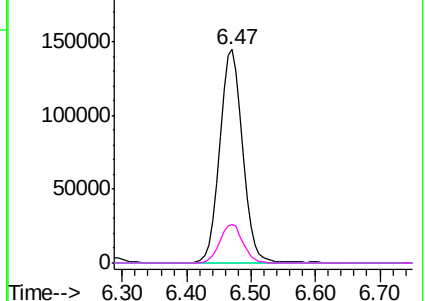


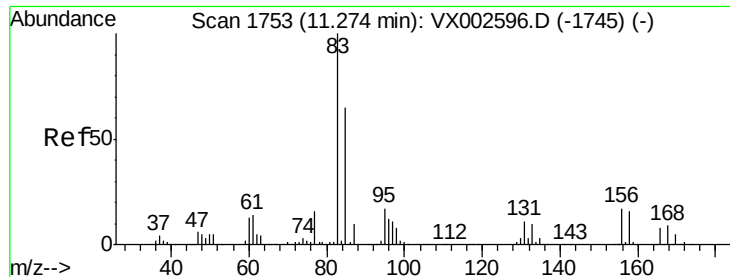
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

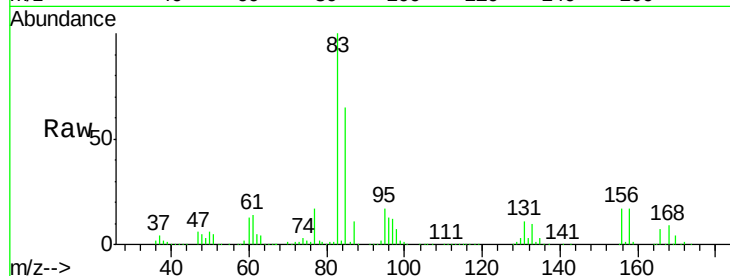
Tot Ion: 83 Resp: 223456

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

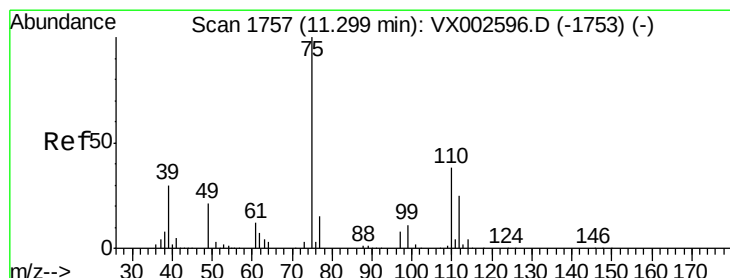
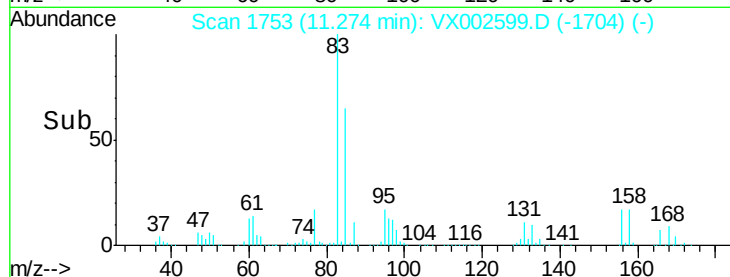
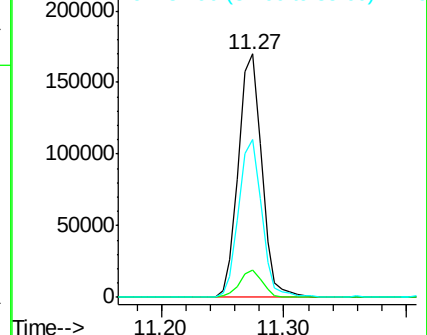
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.82 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002599.D

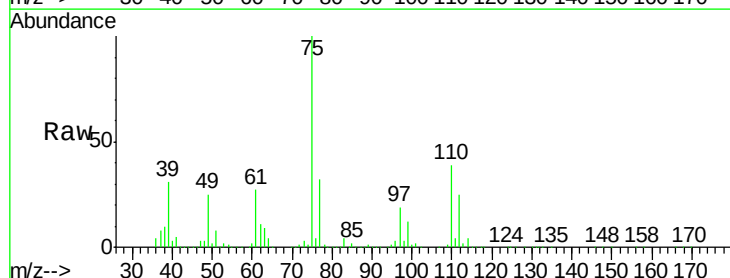
Acq: 15 Jun 2018 14:20

Tgt Ion: 75 Resp: 266751

Ion Ratio Lower Upper

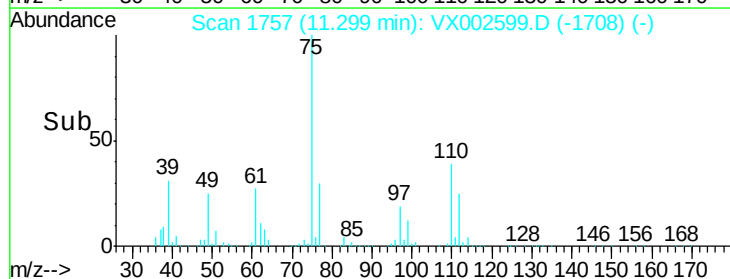
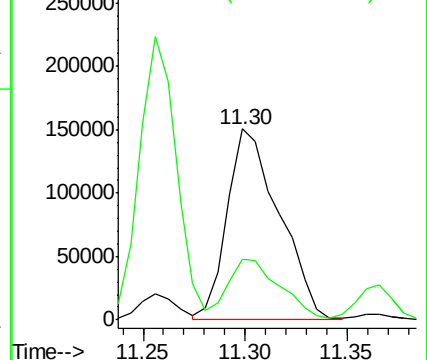
75 100

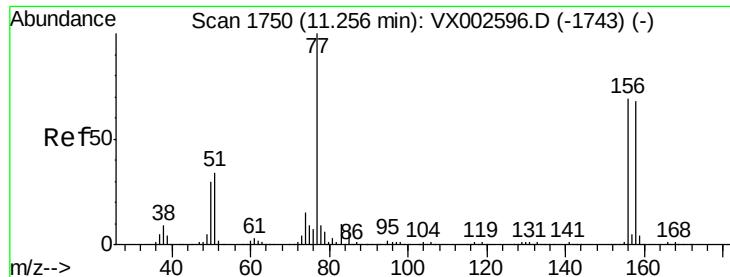
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.49 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

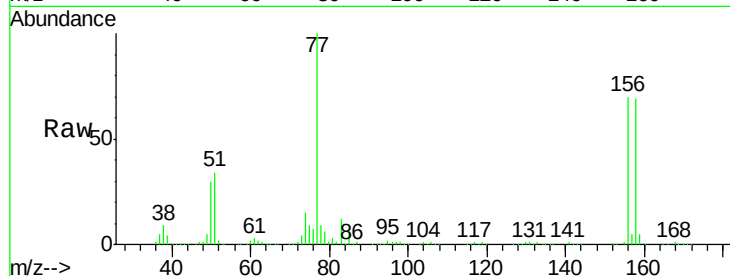
Tot Ion:156 Resp: 205648

Ion Ratio Lower Upper

156 100

77 137.0 71.4 214.2

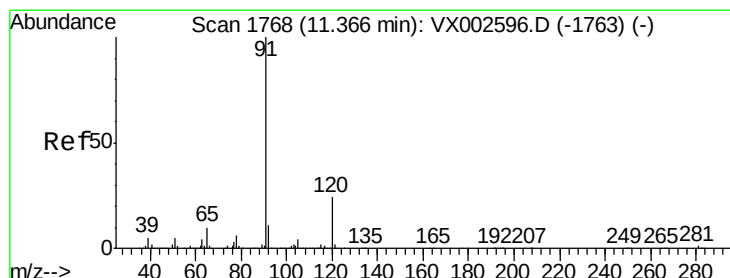
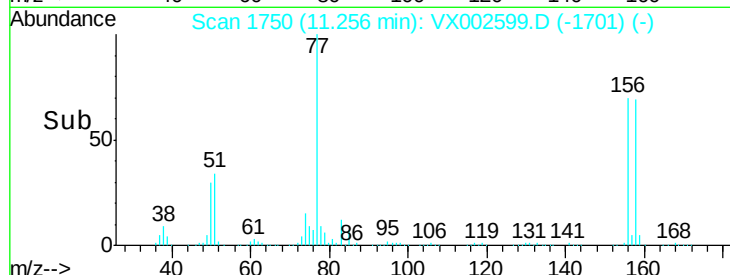
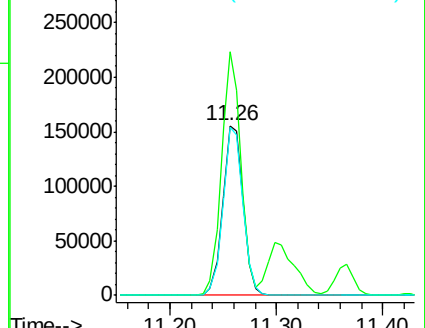
158 97.7 48.9 146.6



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: 46.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002599.D

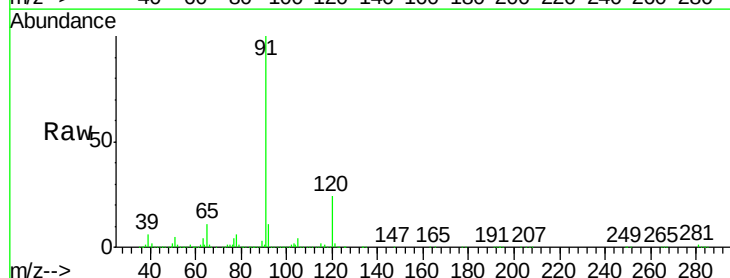
Acq: 15 Jun 2018 14:20

Tgt Ion: 91 Resp: 834634

Ion Ratio Lower Upper

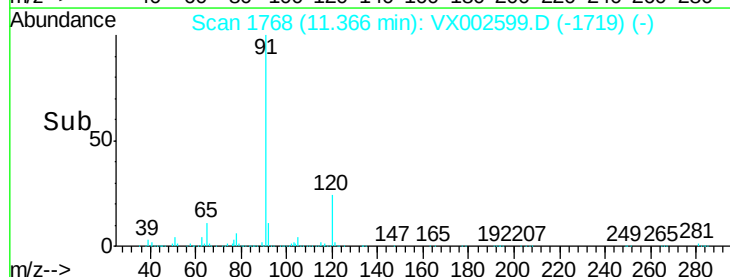
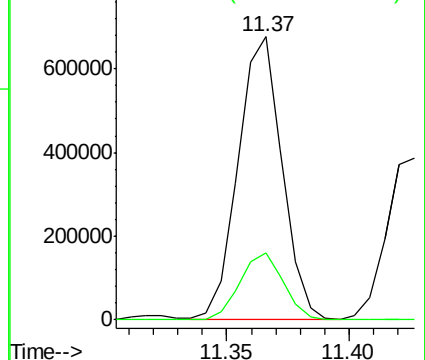
91 100

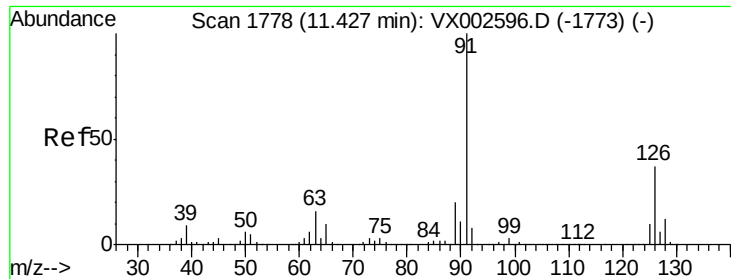
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

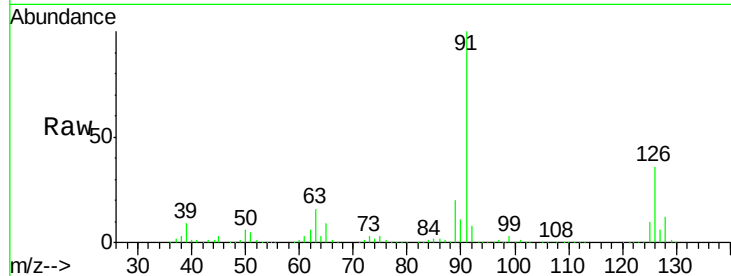
BFB

Tot Ion: 91 Resp: 491966

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002599.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002599.D (-1773) (-)

800000

600000

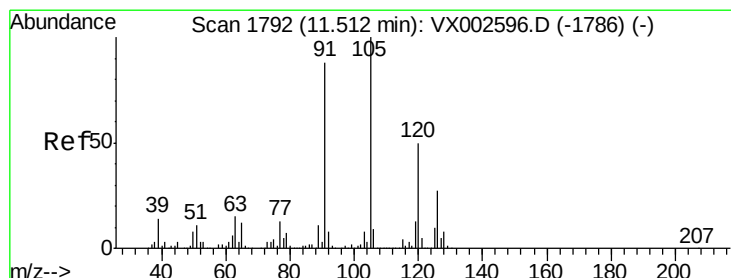
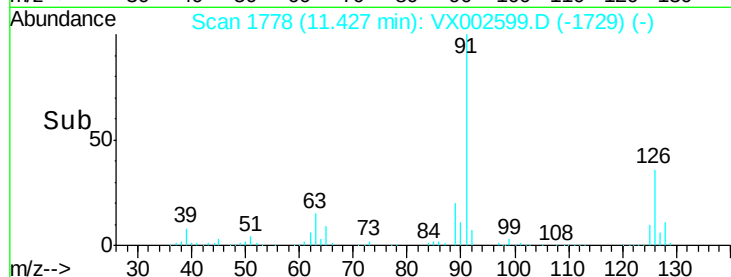
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002599.D

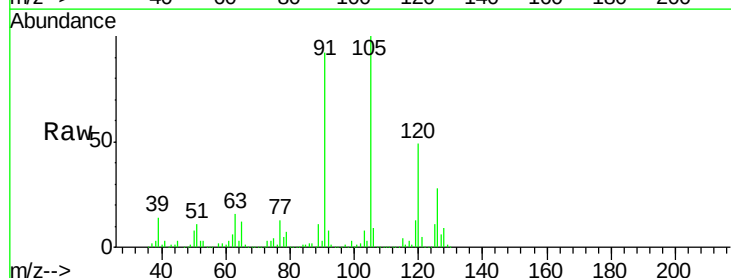
Acq: 15 Jun 2018 14:20

Tgt Ion: 105 Resp: 621893

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002599.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002599.D (-1786) (-)

600000

500000

400000

300000

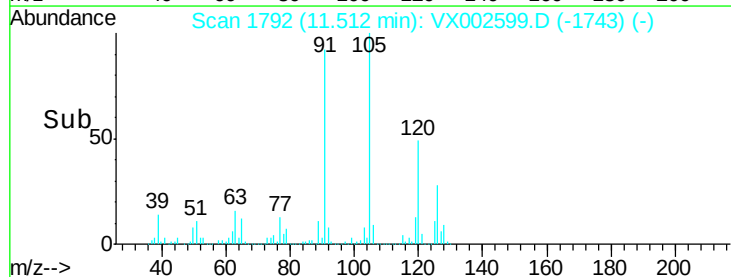
200000

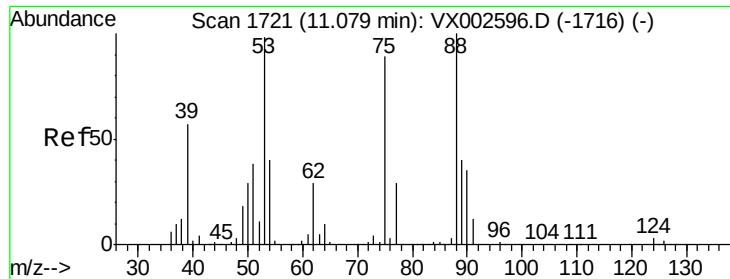
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.88 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

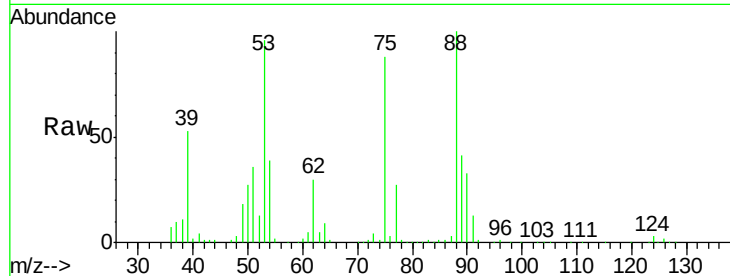
Tot Ion: 75 Resp: 63867

Ion Ratio Lower Upper

75 100

53 113.5 86.8 130.2

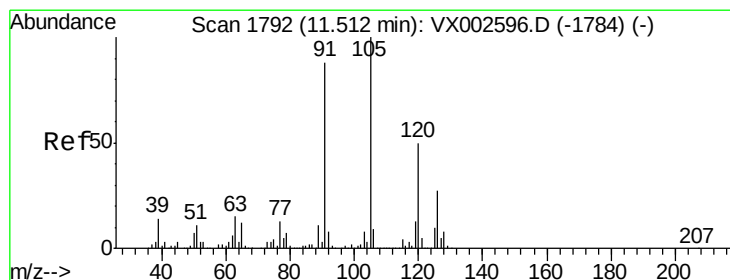
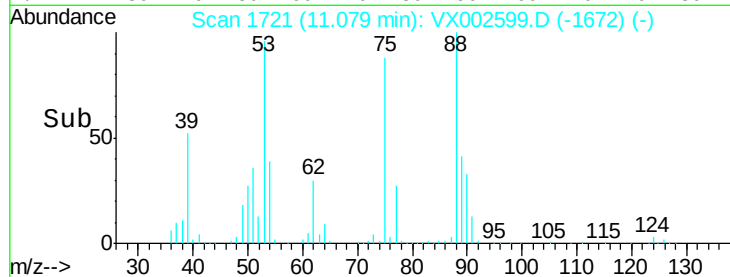
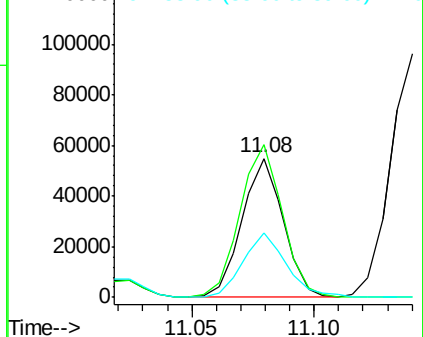
89 49.6 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002599.D

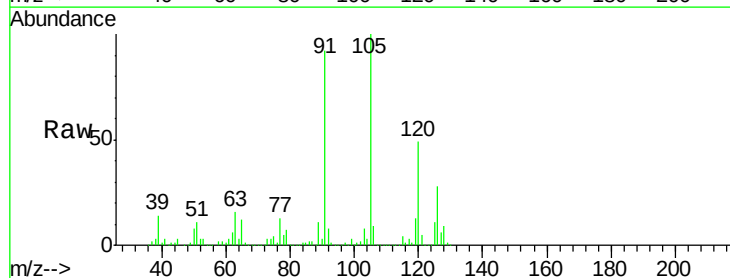
Acq: 15 Jun 2018 14:20

Tgt Ion: 91 Resp: 597481

Ion Ratio Lower Upper

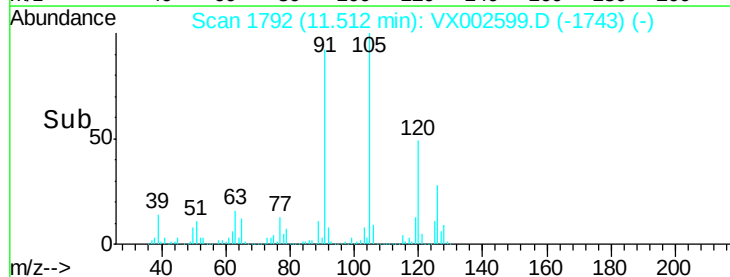
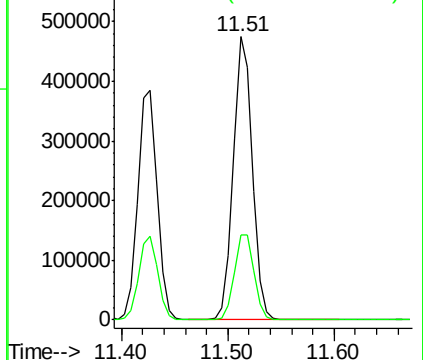
91 100

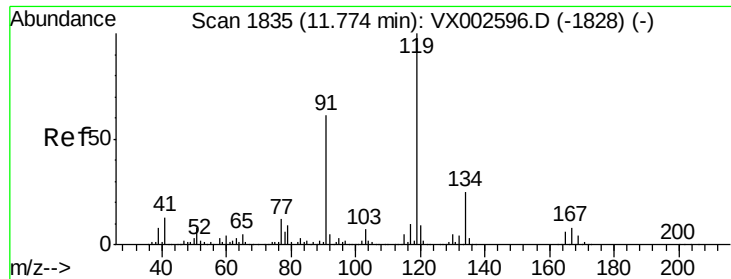
126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

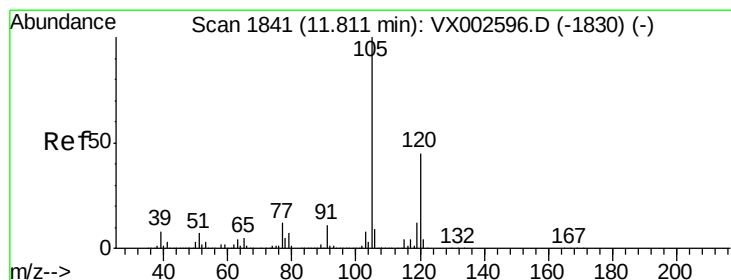
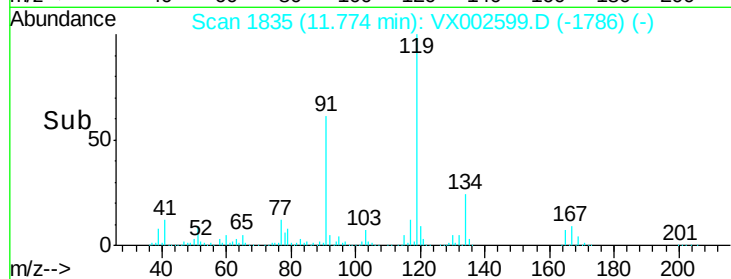
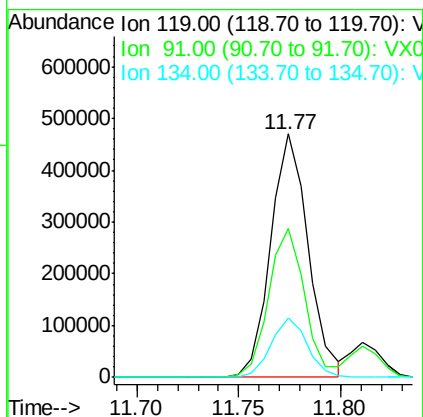
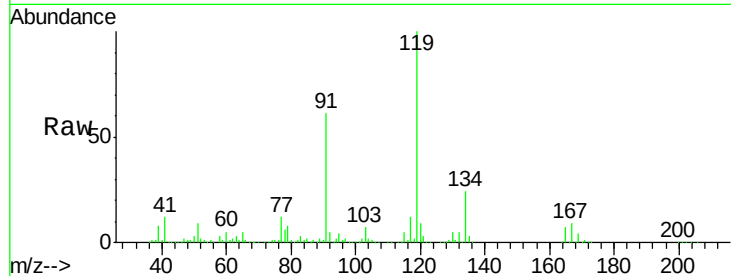




#83
 tert-Butylbenzene
 Concen: 47.60 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

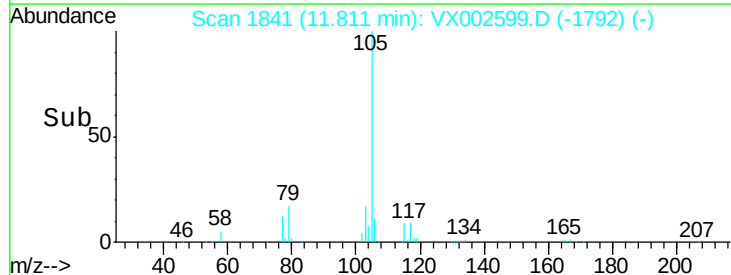
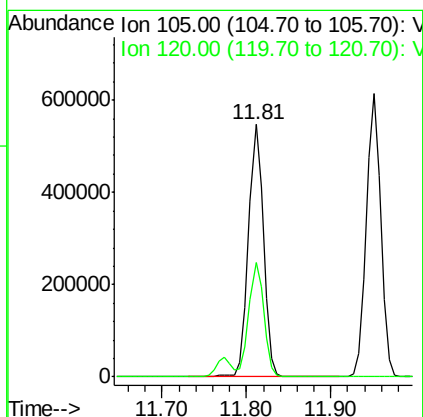
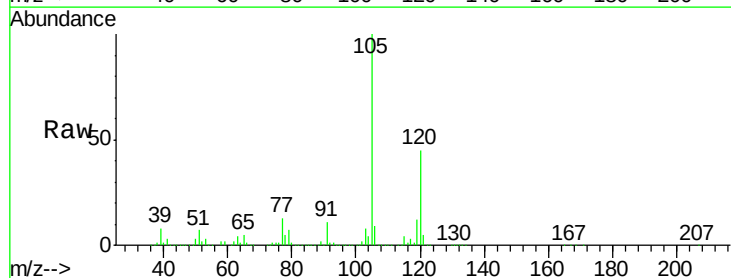
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

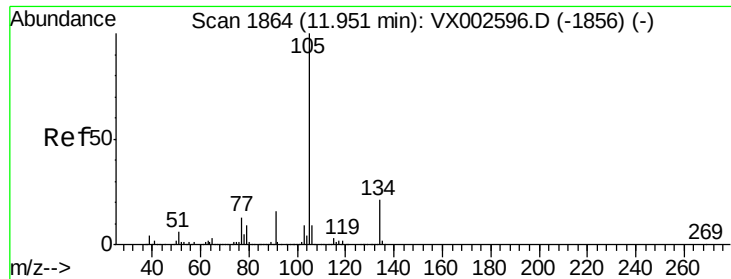
Tot Ion:119 Resp: 602346
 Ion Ratio Lower Upper
 119 100
 91 59.1 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.00 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion:105 Resp: 643440
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 46.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

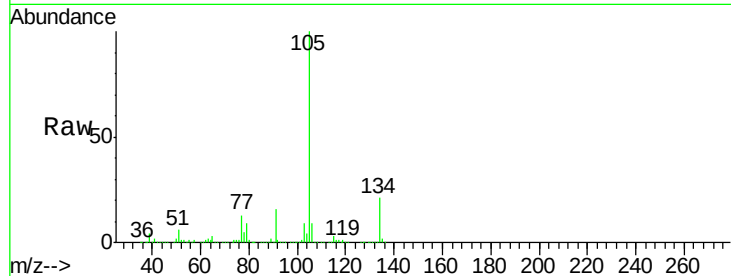
BFB

Tot Ion:105 Resp: 734542

Ion Ratio Lower Upper

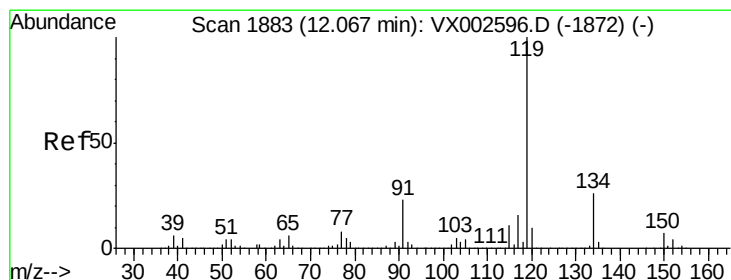
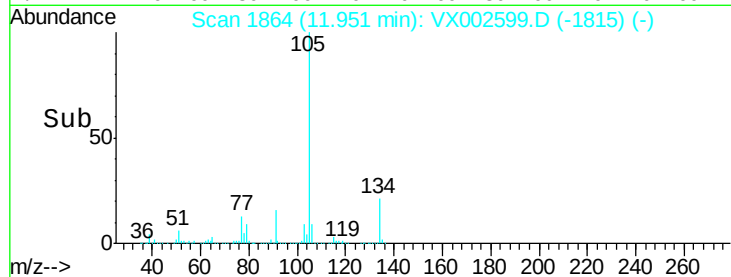
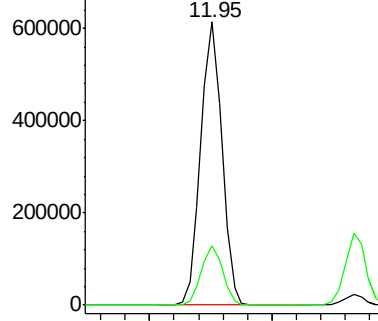
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.72 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

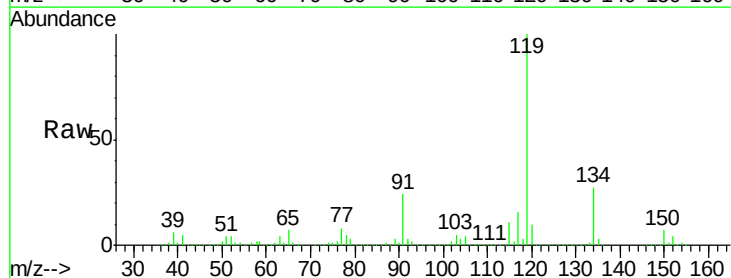
Tgt Ion:119 Resp: 679502

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

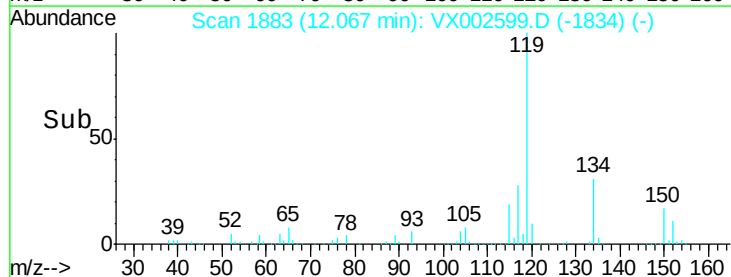
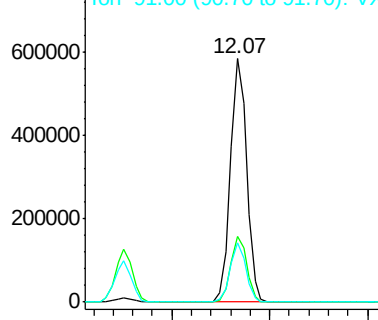
91 23.6 11.9 35.7

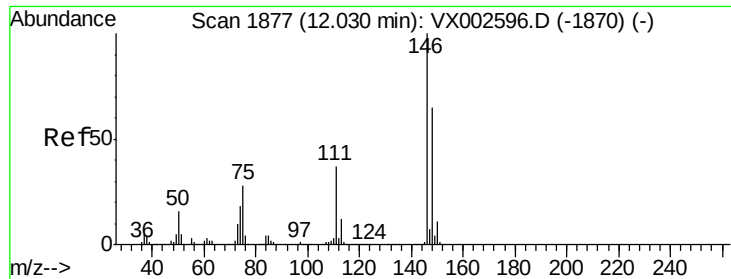


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.67 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

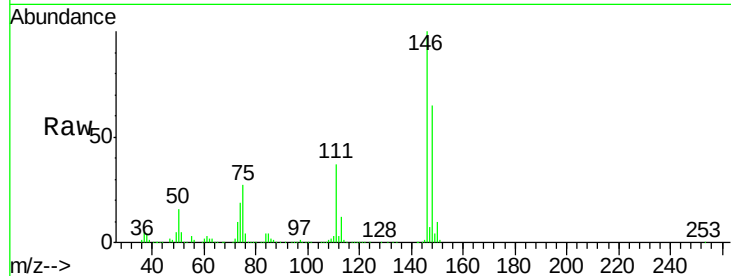
Tot Ion:146 Resp: 373083

Ion Ratio Lower Upper

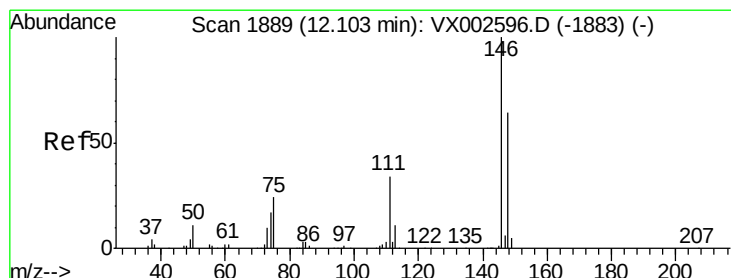
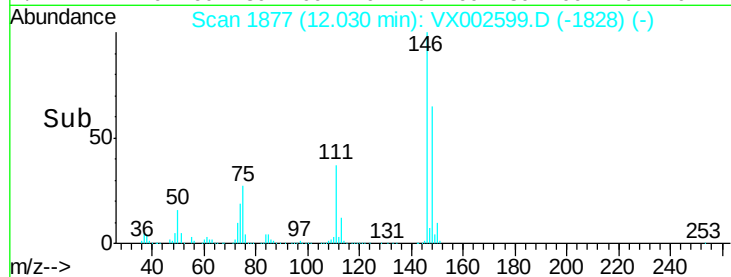
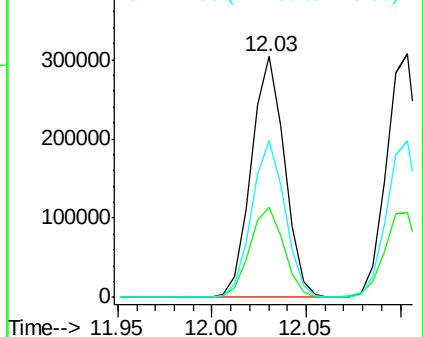
146 100

111 37.9 18.9 56.7

148 64.8 32.1 96.3



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: 48.07 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

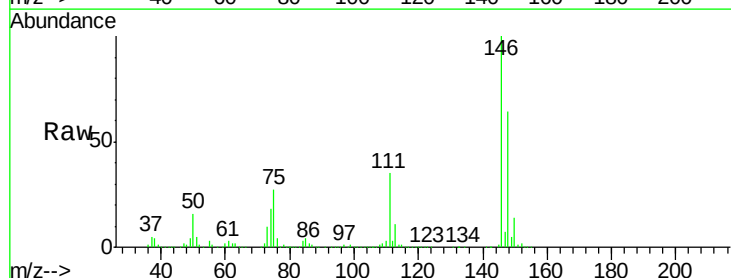
Tgt Ion:146 Resp: 385909

Ion Ratio Lower Upper

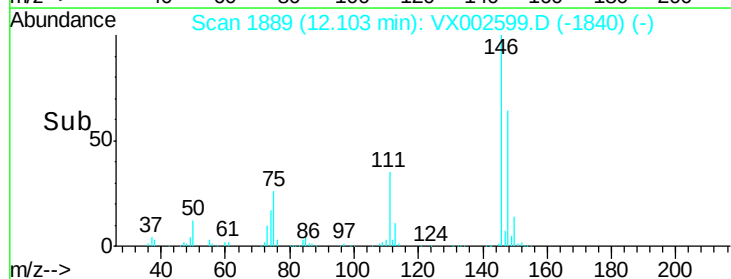
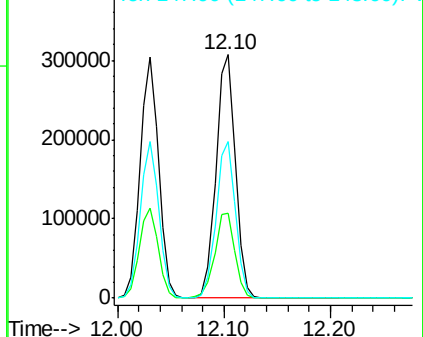
146 100

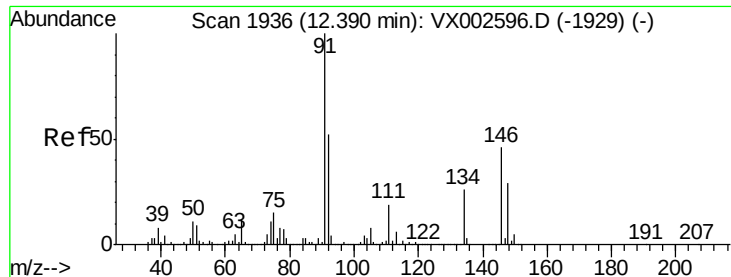
111 36.1 18.7 56.1

148 64.1 32.4 97.0



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: 48.07 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampled :

BFB

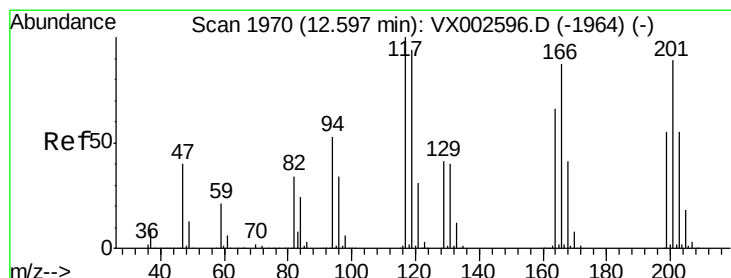
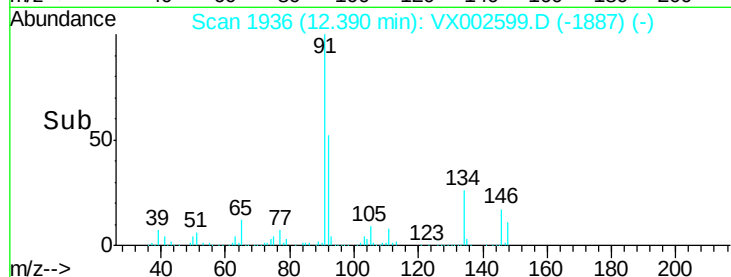
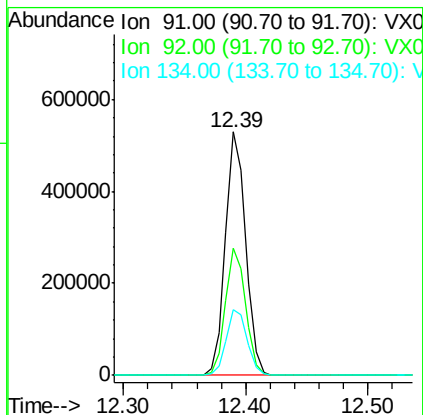
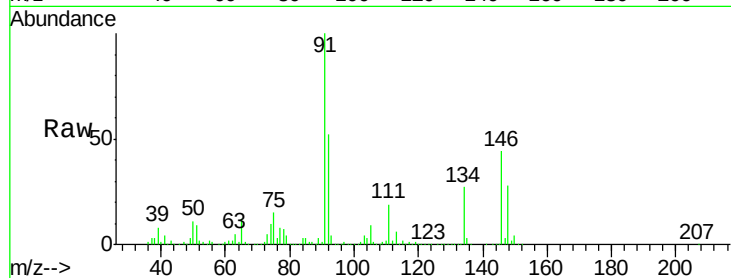
Tot Ion: 91 Resp: 603789

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 27.6 13.5 40.5



#90

Hexachloroethane

Concen: 45.86 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002599.D

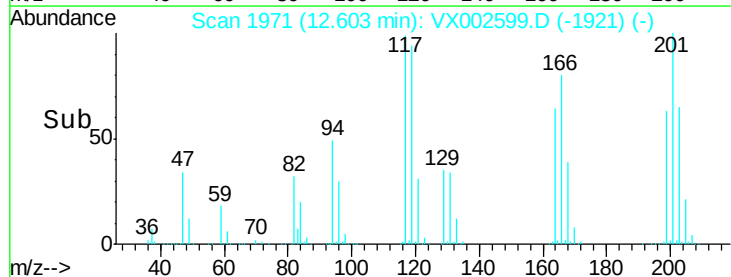
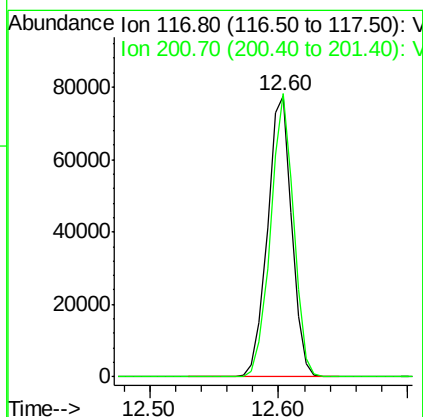
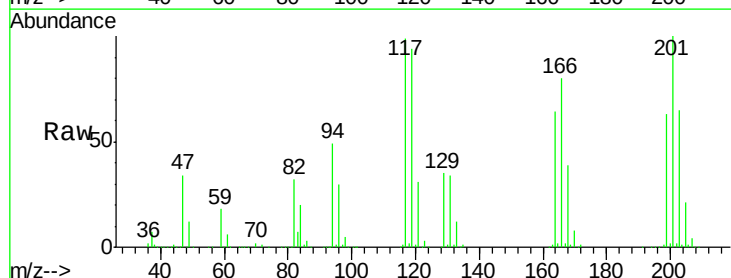
Acq: 15 Jun 2018 14:20

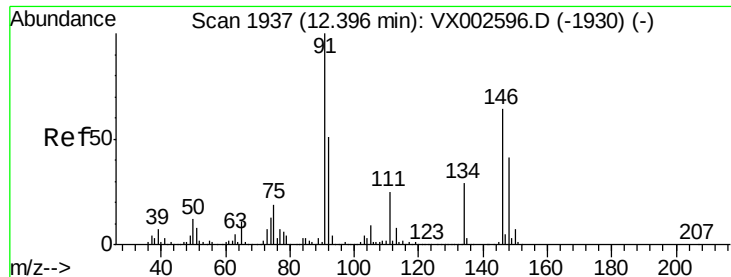
Tgt Ion: 117 Resp: 101285

Ion Ratio Lower Upper

117 100

201 96.3 49.0 147.0

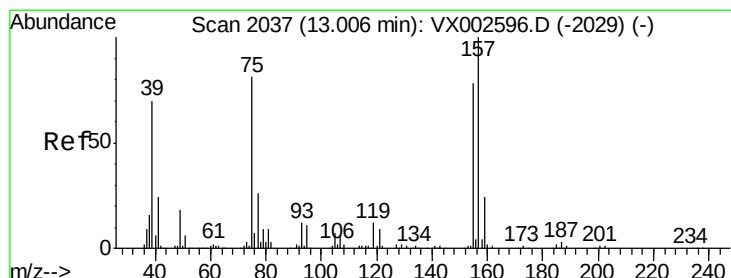
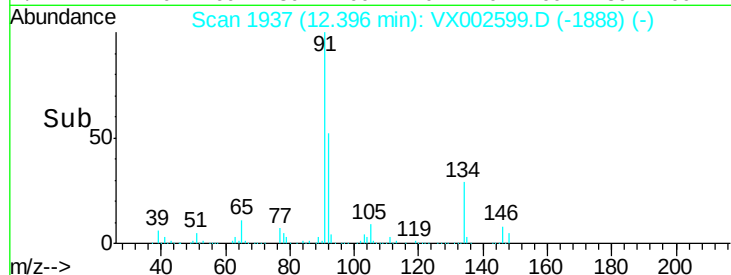
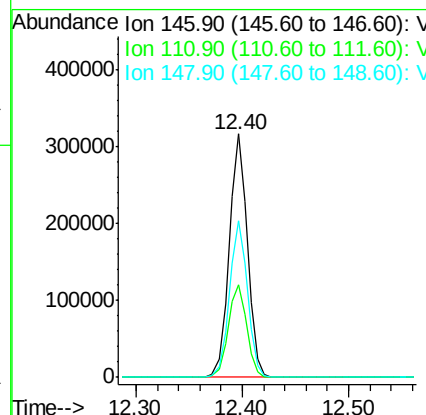
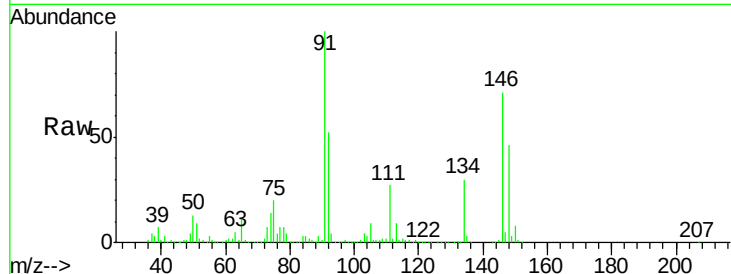




#91
 1,2-Dichlorobenzene
 Concen: 47.18 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

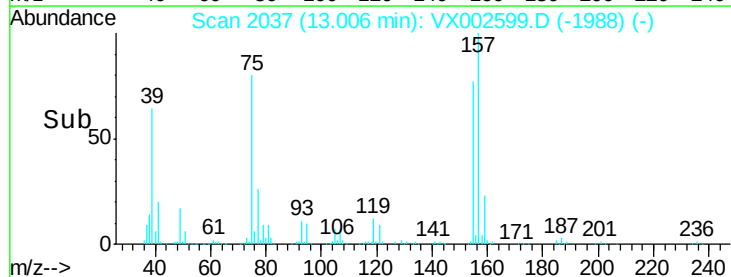
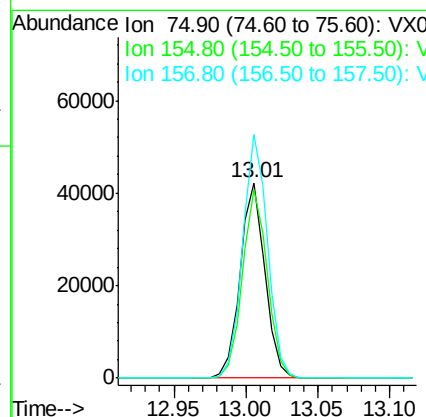
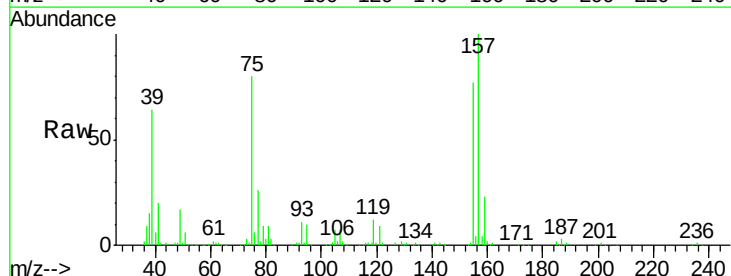
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

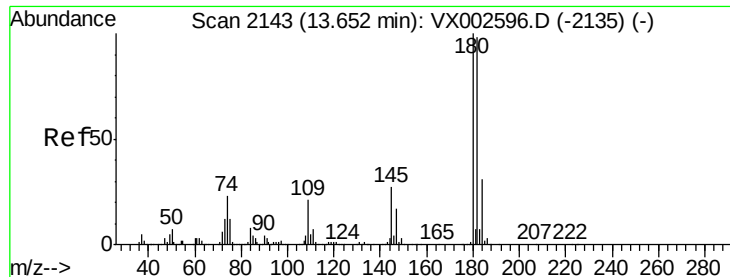
Tot Ion:146 Resp: 377114
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 63.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.68 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion: 75 Resp: 50651
 Ion Ratio Lower Upper
 75 100
 155 96.4 45.8 137.4
 157 124.6 60.1 180.3

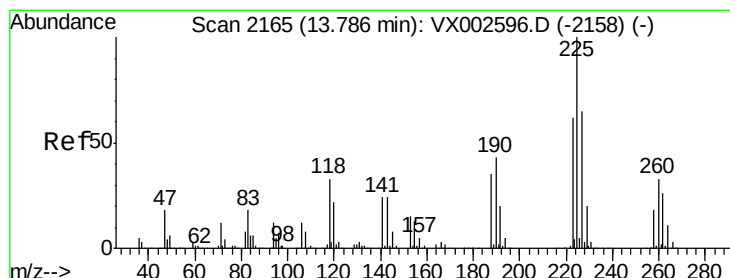
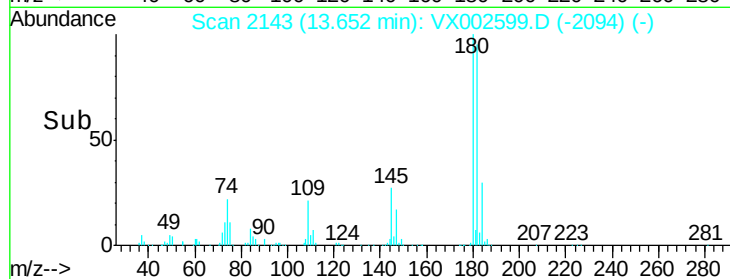
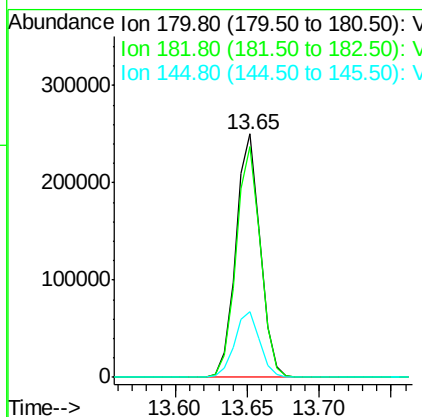
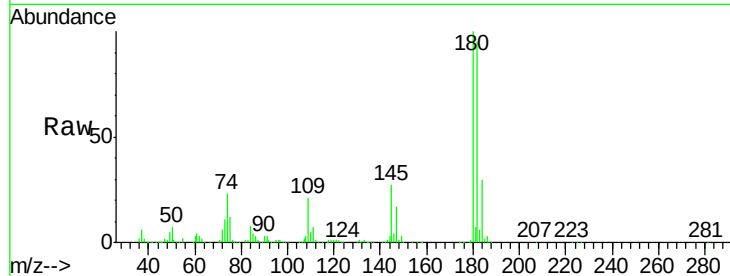




#93
 1,2,4-Trichlorobenzene
 Concen: 50.80 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

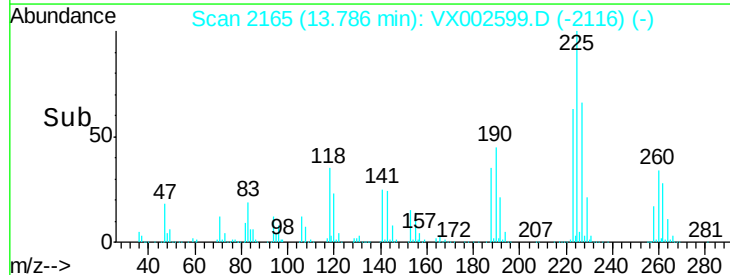
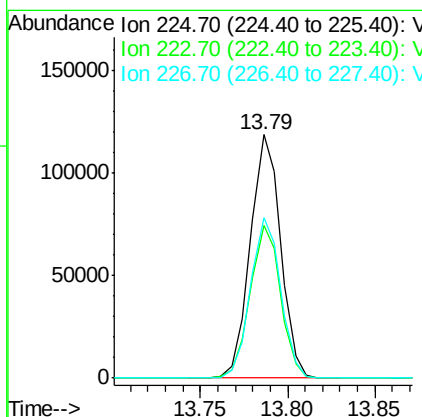
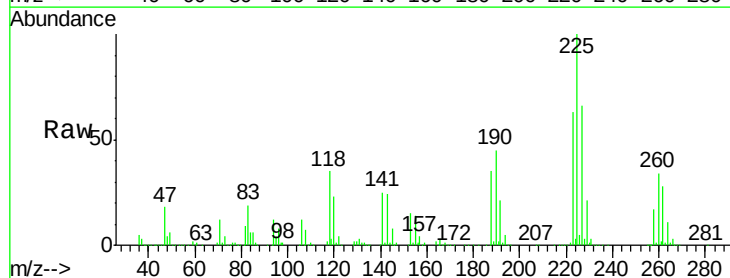
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

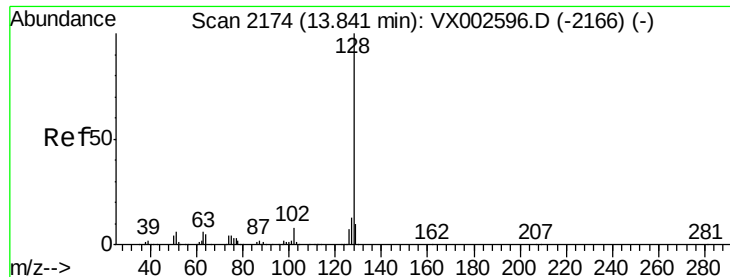
Tot Ion:180 Resp: 294717
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.76 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002599.D
 Acq: 15 Jun 2018 14:20

Tgt Ion:225 Resp: 142898
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 65.4 32.4 97.2





#95

Naphthalene

Concen: 51.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

Instrument :

MSVOA_X

ClientSampleId :

BFB

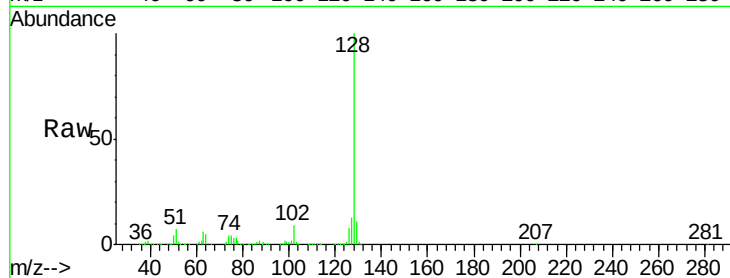
Tot Ion:128 Resp: 796276

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

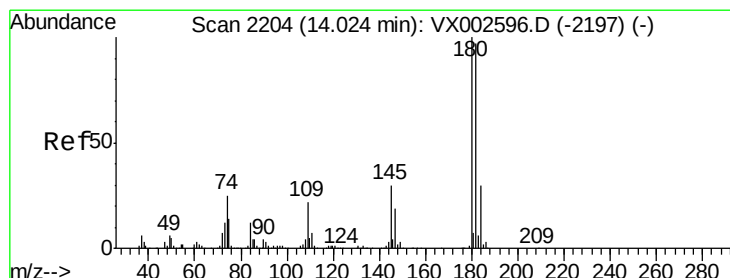
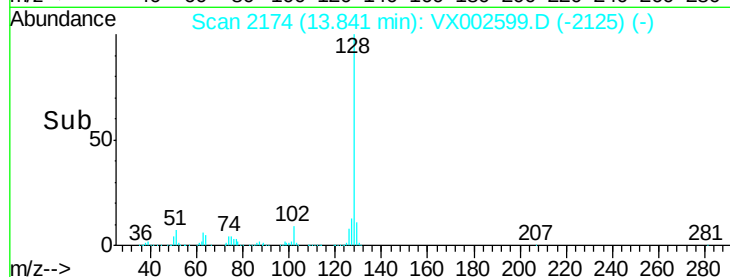
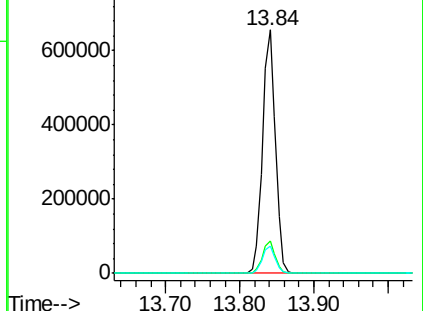
129 11.1 8.6 13.0



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: 50.12 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002599.D

Acq: 15 Jun 2018 14:20

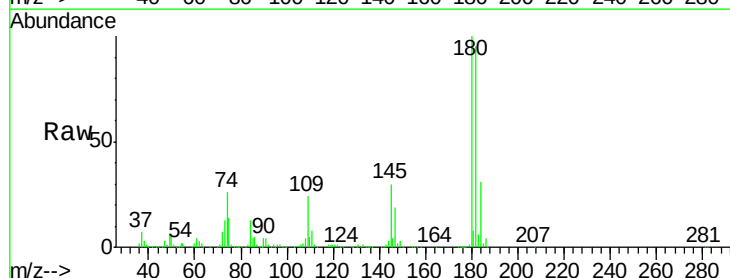
Tgt Ion:180 Resp: 292026

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 29.4 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

