

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004214.D
 Acq On : 23 Aug 2018 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Aug 24 09:34:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	380562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	538924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	509249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	303613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	217710	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
35) Dibromofluoromethane	5.49	113	189671	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	8.71	98	716834	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.13	95	263808	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	222863	50.56	ug/l	99
3) Chloromethane	1.32	50	216586	44.49	ug/l	99
4) Vinyl Chloride	1.40	62	233089	46.75	ug/l	99
5) Bromomethane	1.64	94	118085	47.96	ug/l	99
6) Chloroethane	1.72	64	149581	41.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	321752	47.09	ug/l	95
8) Diethyl Ether	2.19	74	137314	46.93	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	200655	46.88	ug/l	99
10) Methyl Iodide	2.51	142	213585	44.72	ug/l	99
11) Tert butyl alcohol	3.06	59	227611	215.27	ug/l	100
12) 1,1-Dichloroethene	2.37	96	186526	46.27	ug/l	99
13) Acrolein	2.29	56	50808	199.32	ug/l	98
14) Allyl chloride	2.73	41	337221	45.53	ug/l	98
15) Acrylonitrile	3.15	53	548859	209.61	ug/l	100
16) Acetone	2.44	43	473334	233.23	ug/l	100
17) Carbon Disulfide	2.57	76	525434	46.98	ug/l	100
18) Methyl Acetate	2.78	43	324710	44.11	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	629779	47.40	ug/l	98
20) Methylene Chloride	2.85	84	210320	44.05	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	203690	45.65	ug/l	96
22) Diisopropyl ether	3.87	45	646256	46.73	ug/l	98
23) Vinyl Acetate	3.82	43	2638193	235.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	368716	45.75	ug/l	99
25) 2-Butanone	4.70	43	733090	220.23	ug/l	99
26) 2,2-Dichloropropane	4.58	77	308077	48.73	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	233826	46.20	ug/l	99
28) Bromochloromethane	5.01	49	161567	45.28	ug/l	98
29) Tetrahydrofuran	5.15	42	456492	214.20	ug/l	98
30) Chloroform	5.21	83	371288	45.95	ug/l	98
31) Cyclohexane	5.57	56	335252	48.21	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	320818	47.61	ug/l	99
36) 1,1-Dichloropropene	5.79	75	291845	48.17	ug/l	99
37) Ethyl Acetate	4.85	43	270504	45.40	ug/l	100
38) Carbon Tetrachloride	5.78	117	279670	49.07	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004214.D
 Acq On : 23 Aug 2018 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Aug 24 09:34:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	350494	50.67	ug/l	99
40) Benzene	6.14	78	861321	47.58	ug/l	99
41) Methacrylonitrile	5.06	41	160060	46.34	ug/l	99
42) 1,2-Dichloroethane	6.20	62	289648	46.90	ug/l	100
43) Isopropyl Acetate	6.46	43	441035	48.17	ug/l	100
44) Trichloroethene	7.21	130	237119	47.32	ug/l	99
45) 1,2-Dichloropropane	7.51	63	216483	47.78	ug/l	99
46) Dibromomethane	7.66	93	140878	46.70	ug/l	98
47) Bromodichloromethane	7.90	83	276351	49.23	ug/l	97
48) Methyl methacrylate	7.77	41	237125	48.40	ug/l	100
49) 1,4-Dioxane	7.75	88	103282	928.51	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1452538	218.34	ug/l	100
52) Toluene	8.79	92	557902	49.23	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	318430	51.36	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	349461	51.74	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	216595	47.35	ug/l	96
56) Ethyl methacrylate	9.18	69	324970	52.18	ug/l	99
57) 1,3-Dichloropropane	9.37	76	368054	47.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	821215	257.36	ug/l	100
59) 2-Hexanone	9.49	43	1115142	219.72	ug/l	100
60) Dibromochloromethane	9.59	129	224823	50.44	ug/l	100
61) 1,2-Dibromoethane	9.67	107	228135	48.19	ug/l	99
64) Tetrachloroethene	9.34	164	226359	45.00	ug/l	97
65) Chlorobenzene	10.14	112	620649	48.56	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	216581	49.13	ug/l	99
67) Ethyl Benzene	10.25	91	1064458	51.28	ug/l	99
68) m/p-Xylenes	10.36	106	821239	101.19	ug/l	98
69) o-Xylene	10.70	106	379170	49.39	ug/l	100
70) Styrene	10.71	104	632927	50.92	ug/l	100
71) Bromoform	10.85	173	166991	46.99	ug/l	100
73) Isopropylbenzene	11.02	105	1014311	50.87	ug/l	100
74) N-amyl acetate	10.90	43	391173	50.95	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	312210	44.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	364130	58.97	ug/l	85
77) Bromobenzene	11.26	156	273305	48.86	ug/l	98
78) n-propylbenzene	11.36	91	1177102	51.32	ug/l	99
79) 2-Chlorotoluene	11.42	91	680054	48.17	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	844636	51.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98379	51.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	806236	48.54	ug/l	98
83) tert-Butylbenzene	11.77	119	867157	52.19	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	904683	53.37	ug/l	100
85) sec-Butylbenzene	11.94	105	1028621	52.15	ug/l	98
86) p-Isopropyltoluene	12.07	119	955806	54.07	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	509766	48.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	526718	47.43	ug/l	99
89) n-Butylbenzene	12.39	91	857486	59.65	ug/l	99
90) Hexachloroethane	12.60	117	139977	56.65	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	517026	53.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61524	50.06	ug/l	98

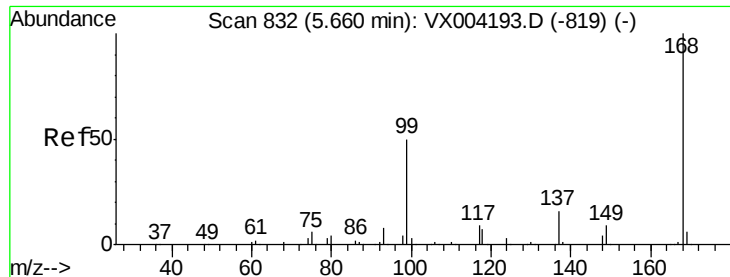
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004214.D
Acq On : 23 Aug 2018 09:13
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Aug 24 09:34:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	363288	51.87	ug/l	97
94) Hexachlorobutadiene	13.79	225	170498	52.34	ug/l	95
95) Naphthalene	13.83	128	1080673	54.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	378943	51.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

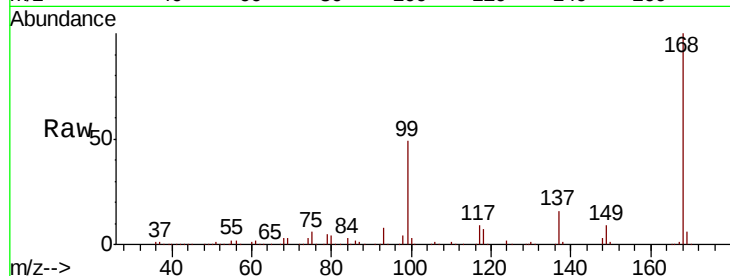
BFB

Tot Ion:168 Resp: 380562

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

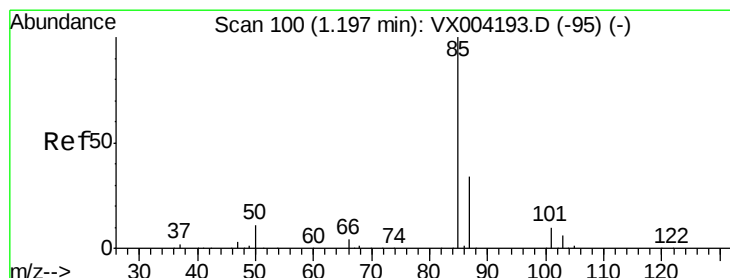
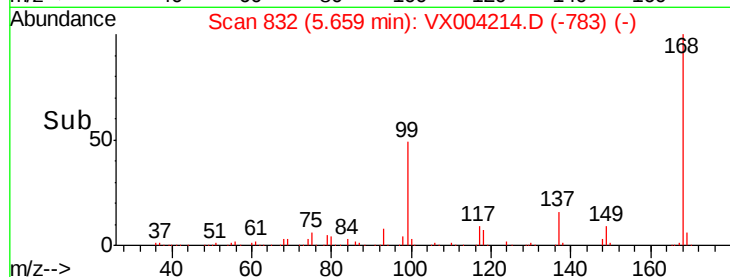
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004214.D

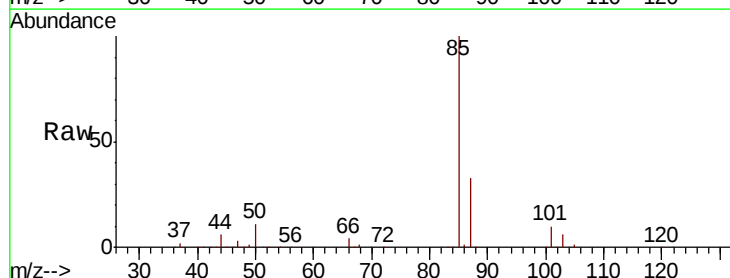
Acq: 23 Aug 2018 09:13

Tgt Ion: 85 Resp: 222863

Ion Ratio Lower Upper

85 100

87 33.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

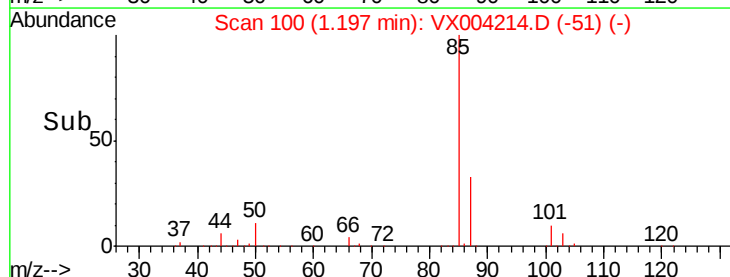
100000

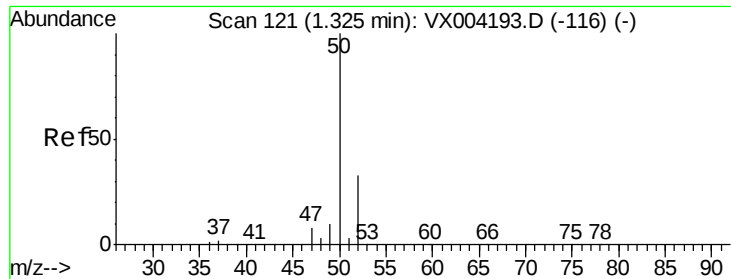
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 44.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

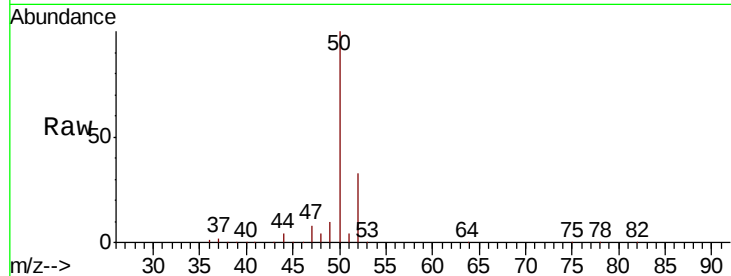
BFB

Tot Ion: 50 Resp: 216586

Ion Ratio Lower Upper

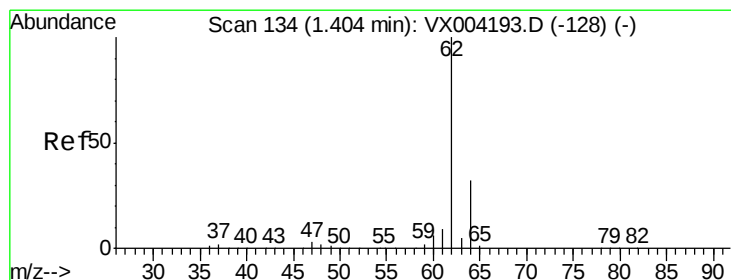
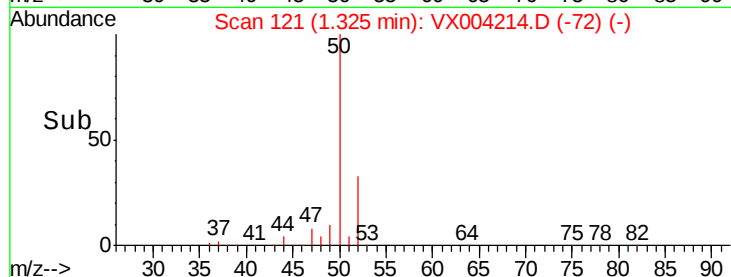
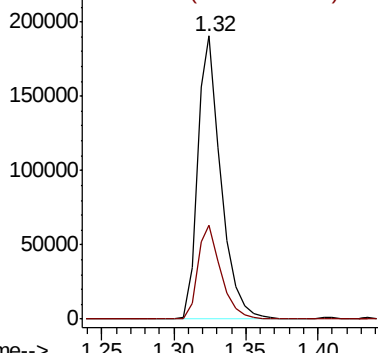
50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004214.D

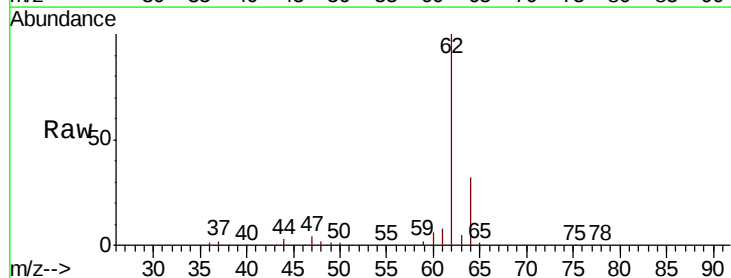
Acq: 23 Aug 2018 09:13

Tgt Ion: 62 Resp: 233089

Ion Ratio Lower Upper

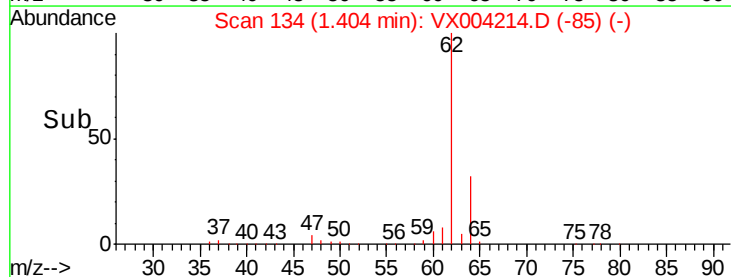
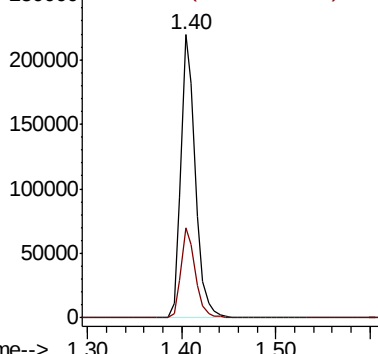
62 100

64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

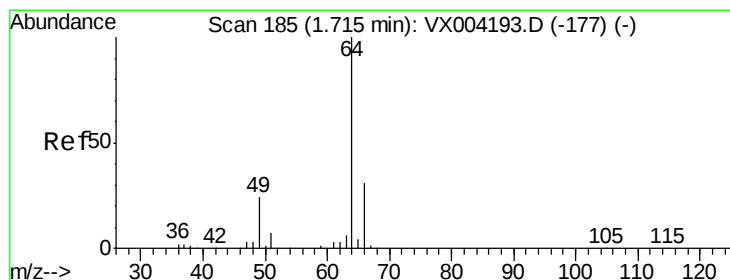
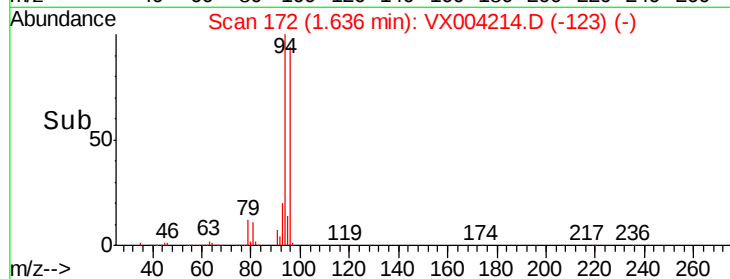
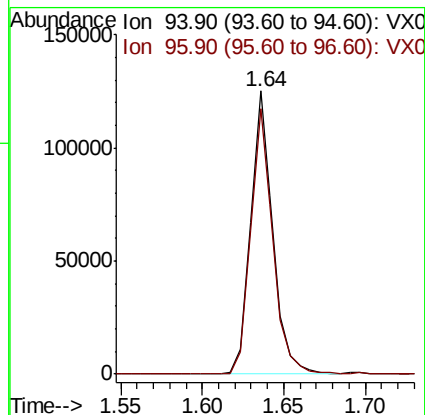
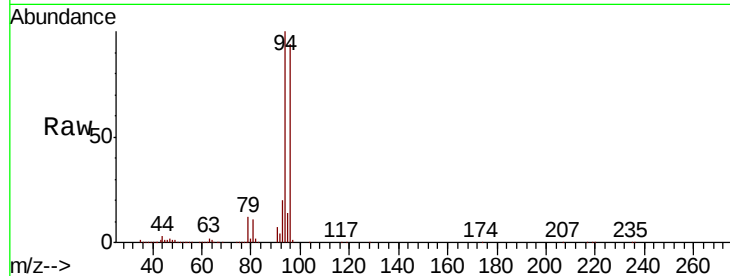
BFB

Tot Ion: 94 Resp: 118085

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



#6

Chloroethane

Concen: 41.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004214.D

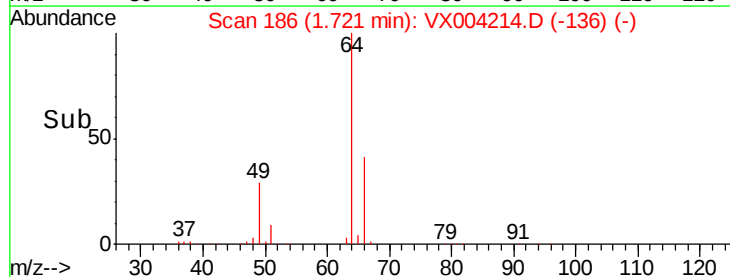
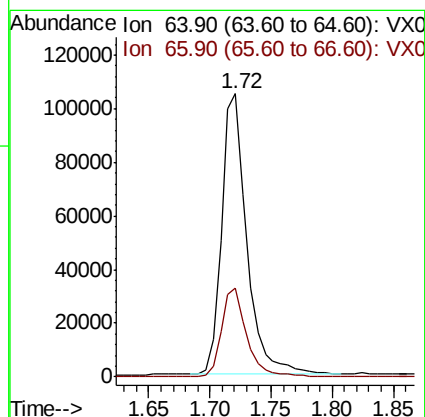
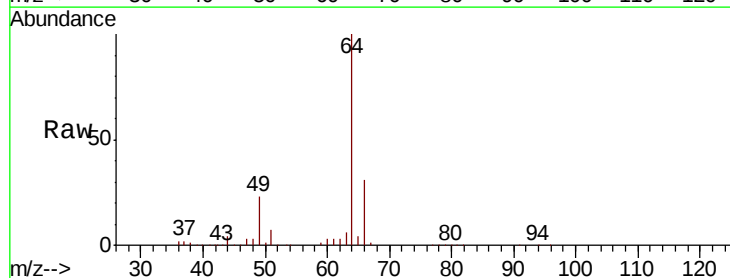
Acq: 23 Aug 2018 09:13

Tgt Ion: 64 Resp: 149581

Ion Ratio Lower Upper

64 100

66 31.4 24.6 36.8





#7

Trichlorofluoromethane

Concen: 47.09 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

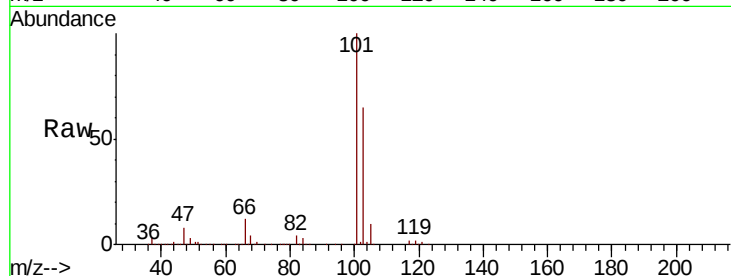
BFB

Tot Ion:101 Resp: 321752

Ion Ratio Lower Upper

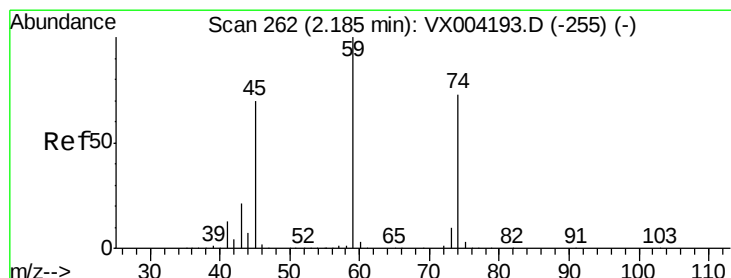
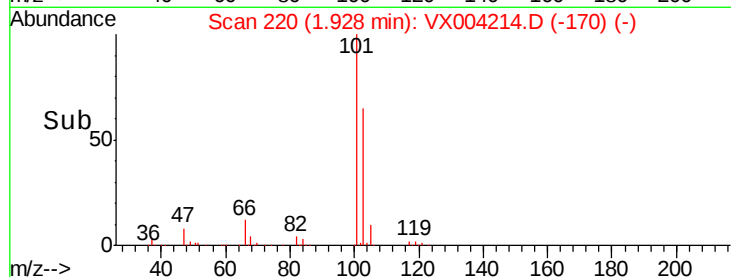
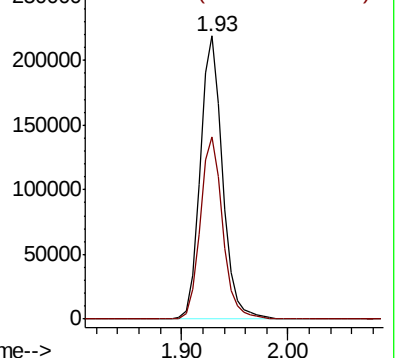
101 100

103 64.6 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.93 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.01 min

Lab File: VX004214.D

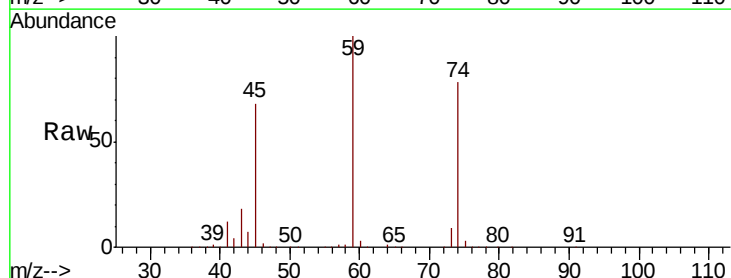
Acq: 23 Aug 2018 09:13

Tgt Ion: 74 Resp: 137314

Ion Ratio Lower Upper

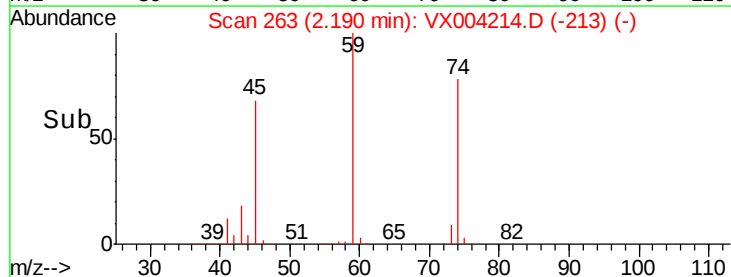
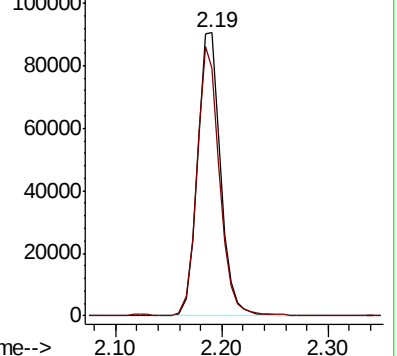
74 100

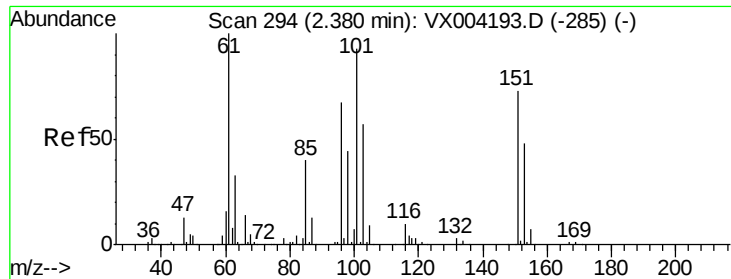
45 92.6 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.88 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

BFB

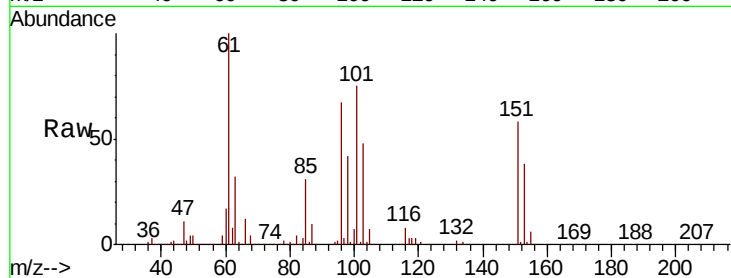
Tot Ion:101 Resp: 200655

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

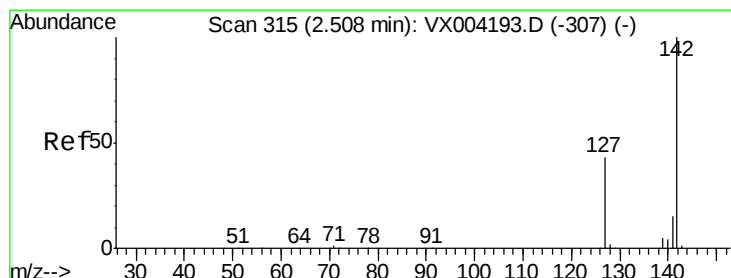
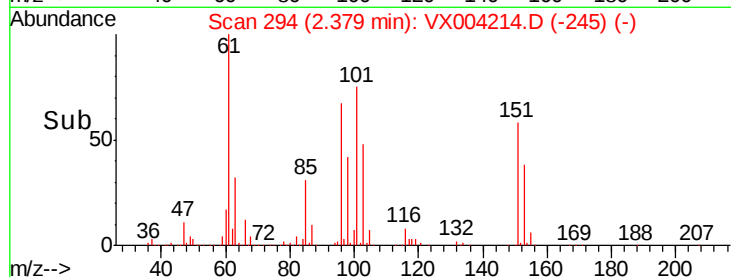
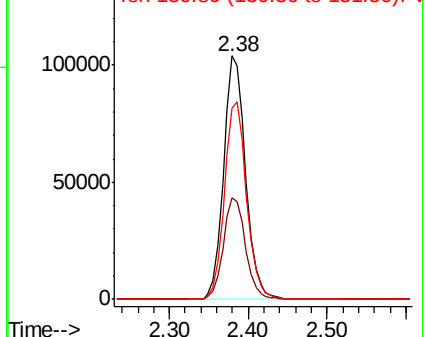
151 81.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.72 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

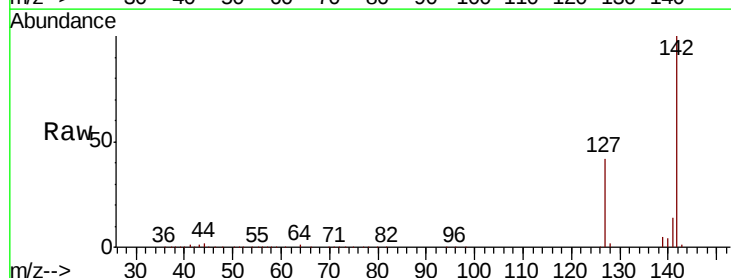
Tgt Ion:142 Resp: 213585

Ion Ratio Lower Upper

142 100

127 41.5 33.8 50.6

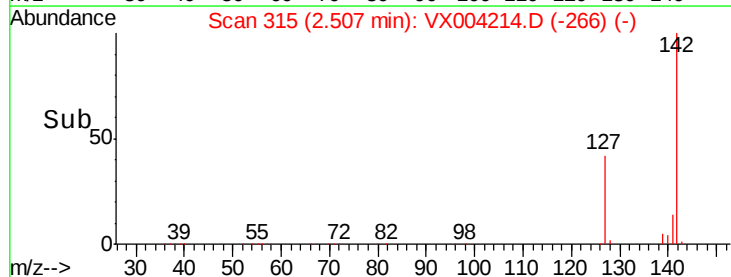
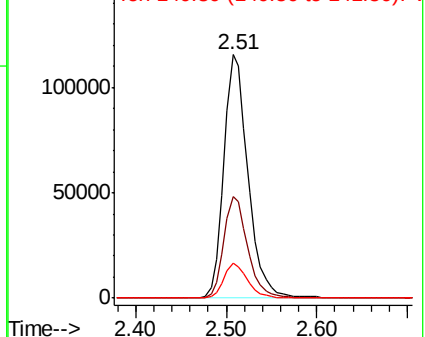
141 14.1 11.4 17.0

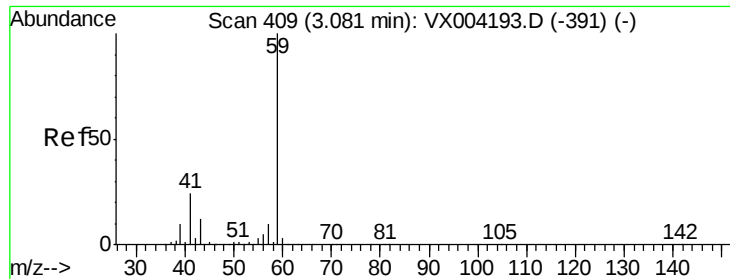


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

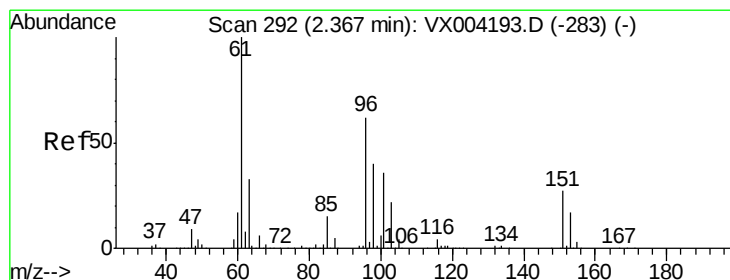
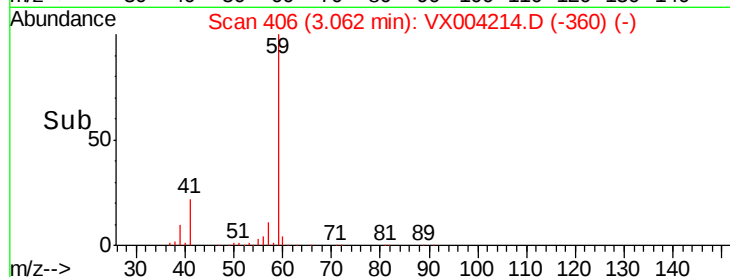
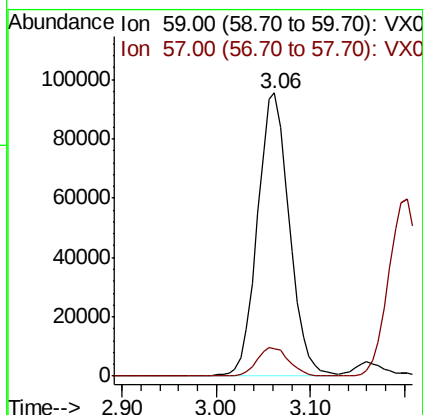
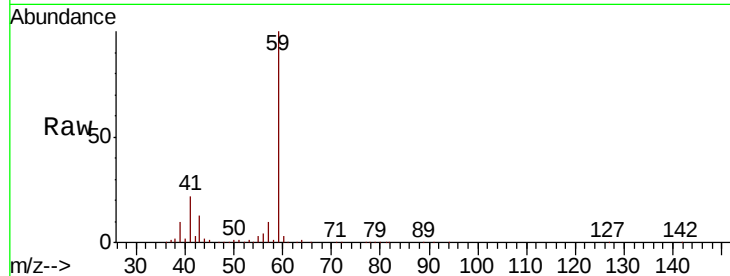




#11
Tert butyl alcohol
Concen: 215.27 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

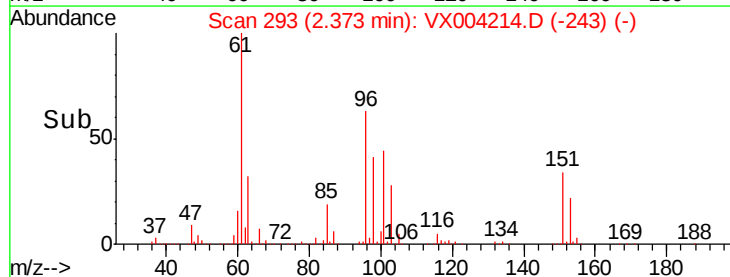
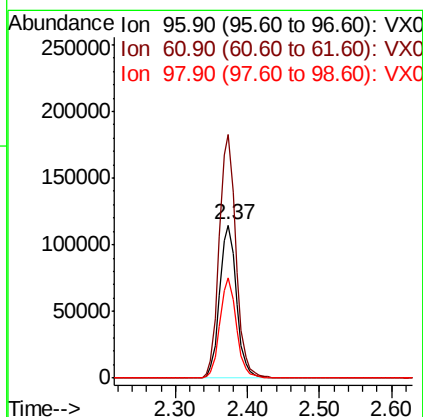
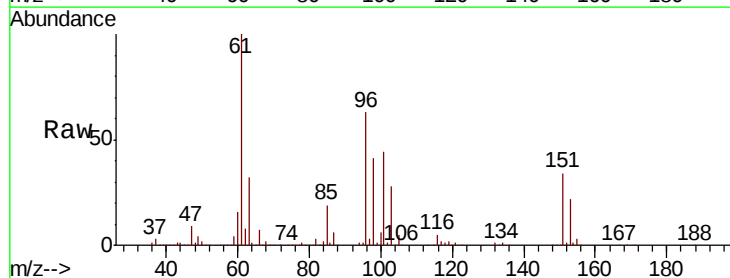
Instrument :
MSVOA_X
ClientSampled :
BFB

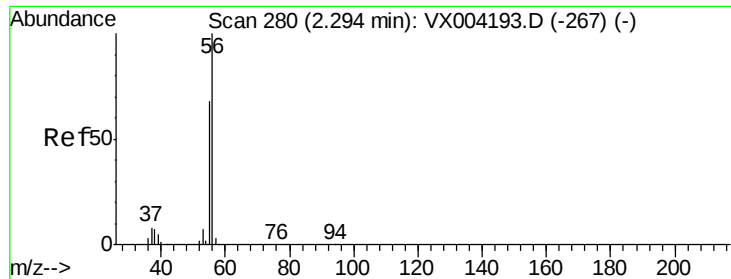
Tot Ion: 59 Resp: 227611
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 96 Resp: 186526
Ion Ratio Lower Upper
96 100
61 159.0 128.8 193.2
98 65.4 52.2 78.2





#13

Acrolein

Concen: 199.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

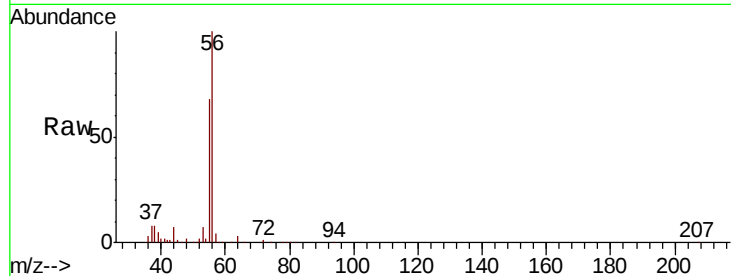
BFB

Tot Ion: 56 Resp: 50808

Ion Ratio Lower Upper

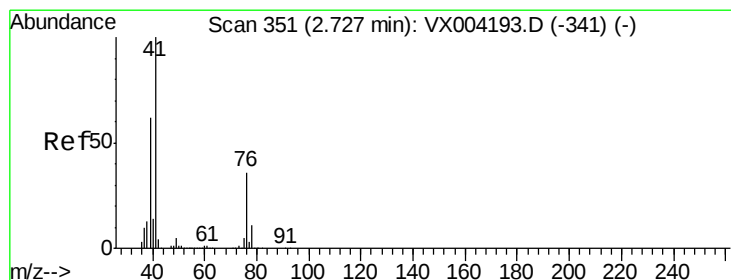
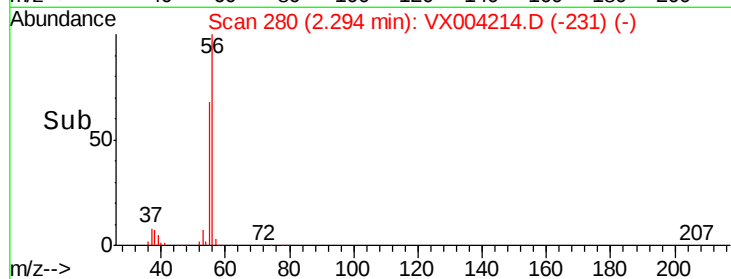
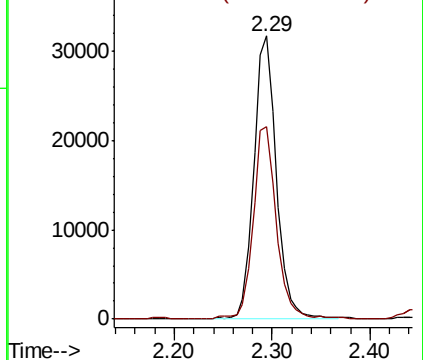
56 100

55 70.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.53 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

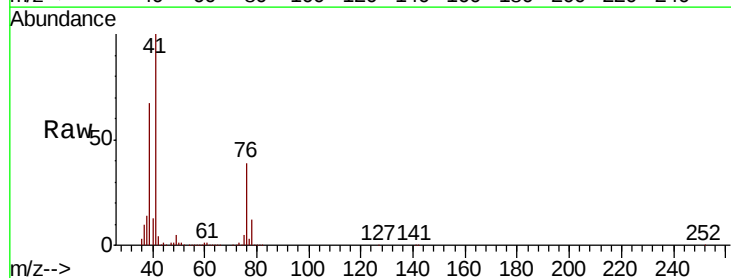
Tgt Ion: 41 Resp: 337221

Ion Ratio Lower Upper

41 100

39 62.7 48.9 73.3

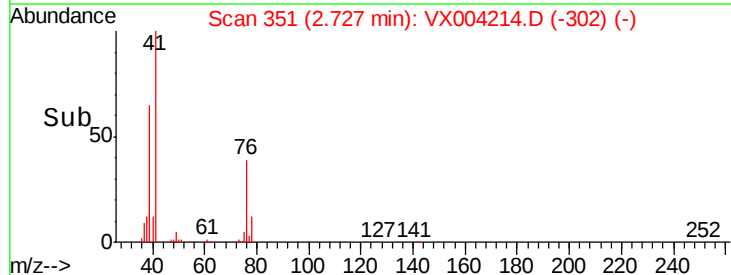
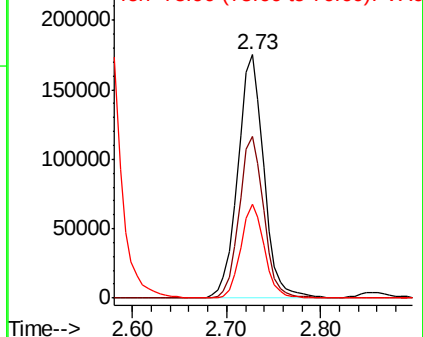
76 35.2 26.7 40.1



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: 209.61 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

BFB

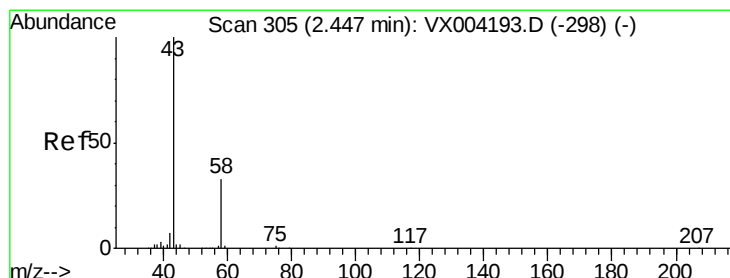
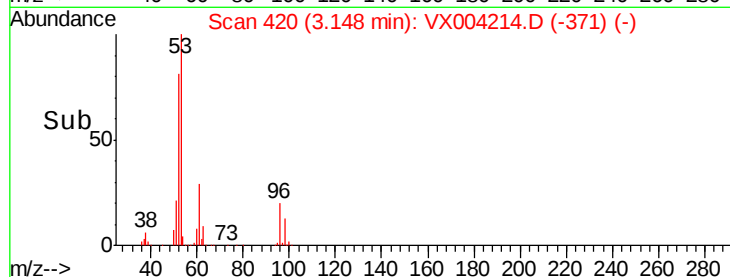
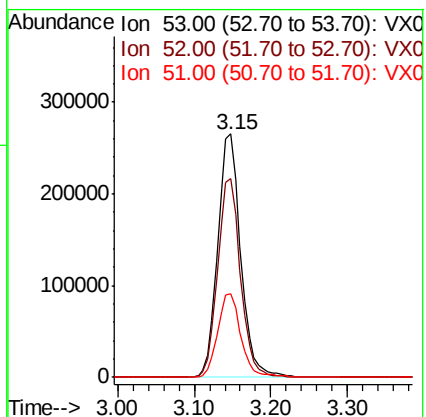
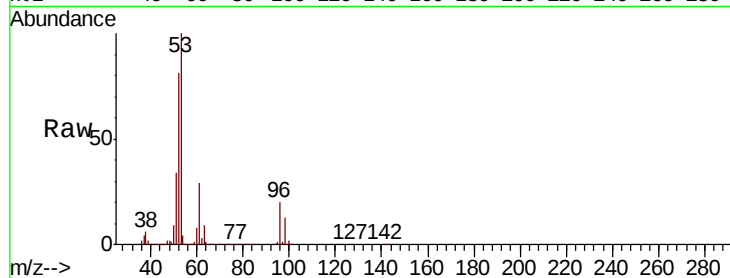
Tot Ion: 53 Resp: 548859

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 35.0 28.2 42.2



#16

Acetone

Concen: 233.23 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004214.D

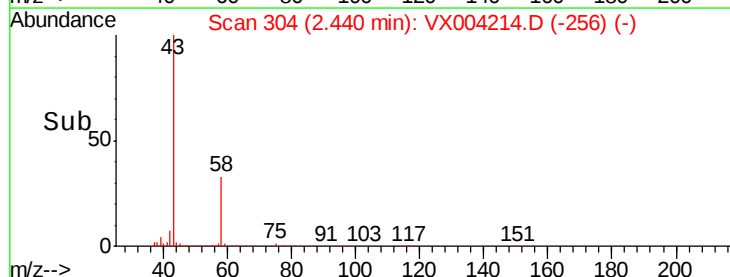
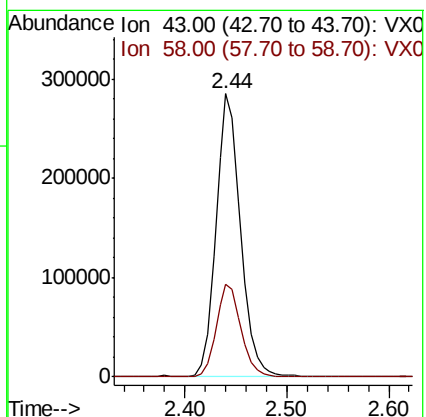
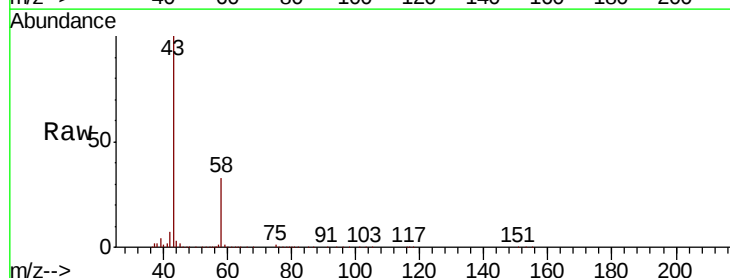
Acq: 23 Aug 2018 09:13

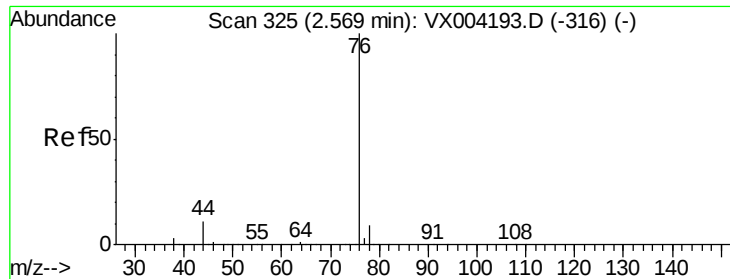
Tgt Ion: 43 Resp: 473334

Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.4

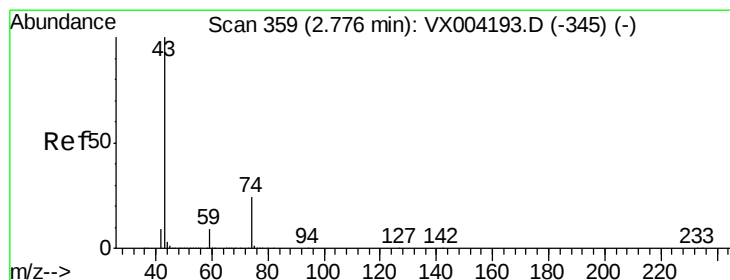
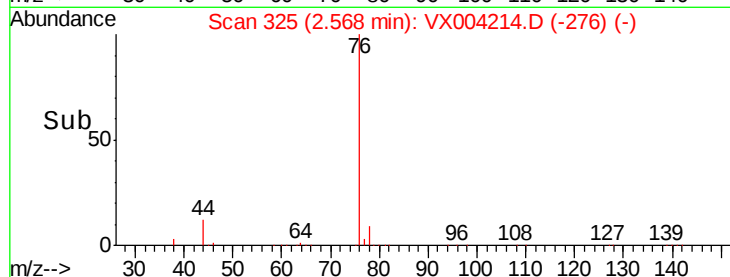
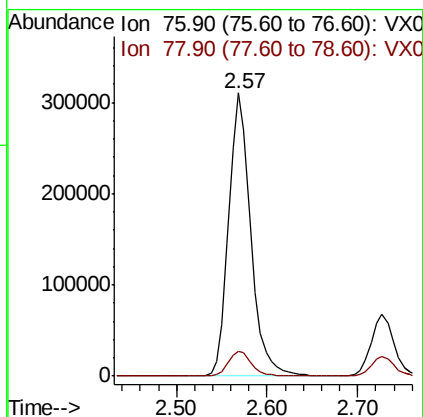
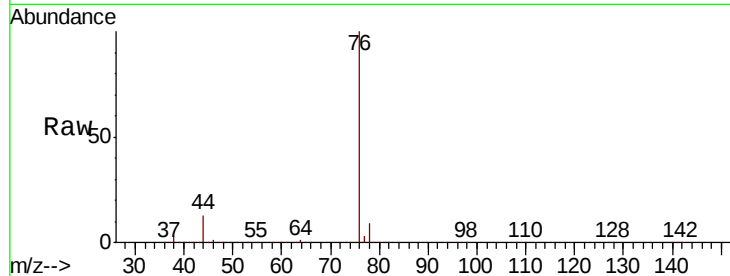




#17
Carbon Disulfide
Concen: 46.98 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

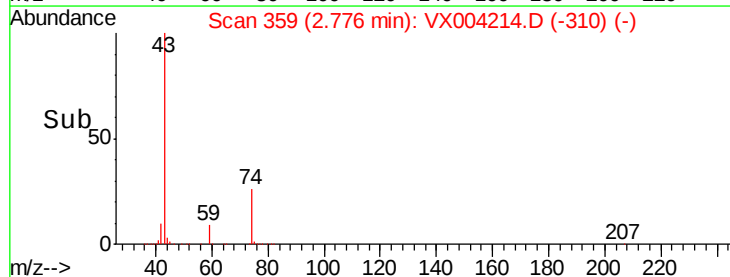
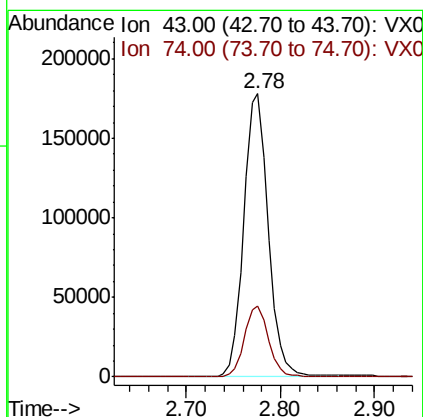
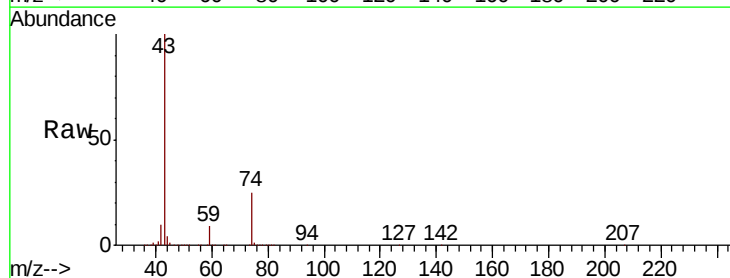
Instrument :
MSVOA_X
ClientSampled :
BFB

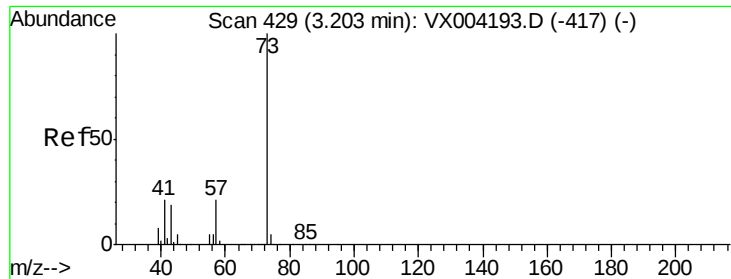
Tot Ion: 76 Resp: 525434
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 44.11 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 43 Resp: 324710
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2

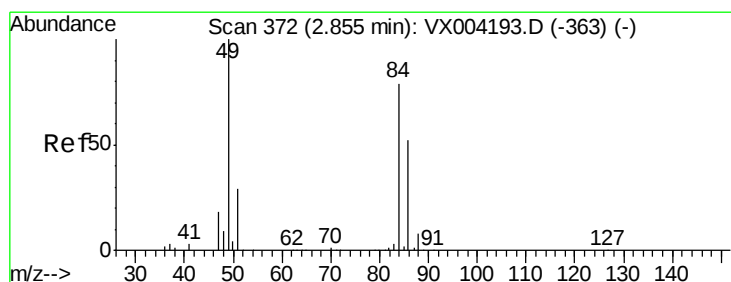
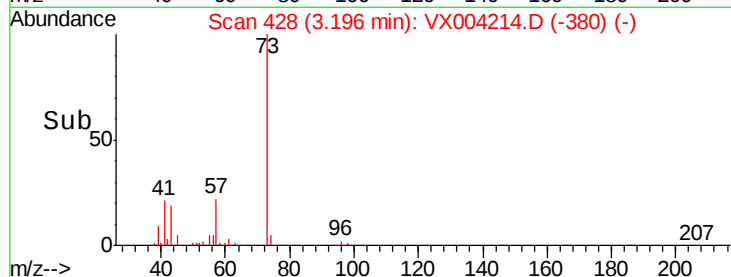
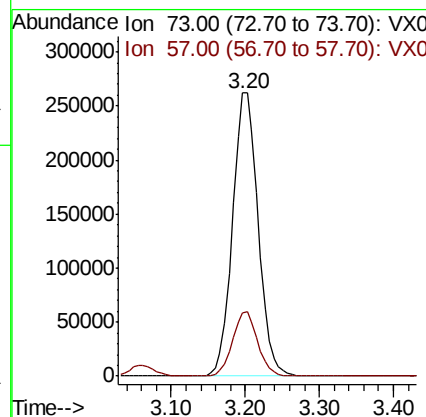
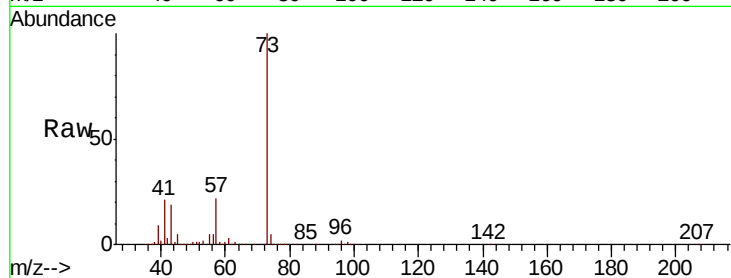




#19
Methvl tert-butvl Ether
Concen: 47.40 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

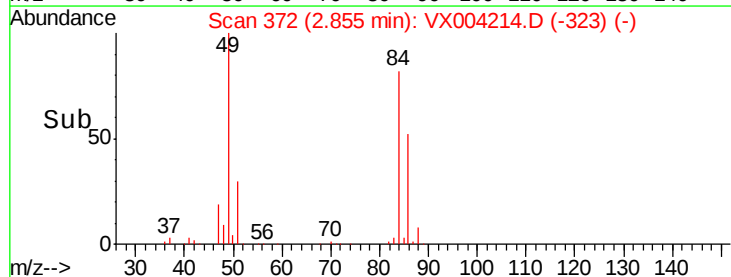
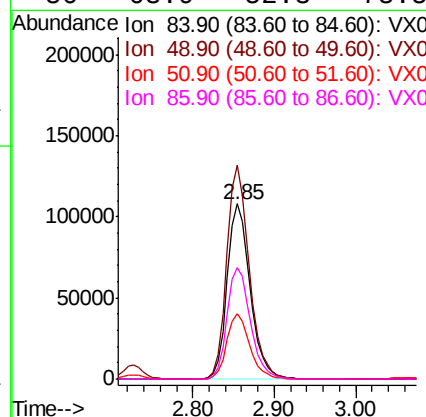
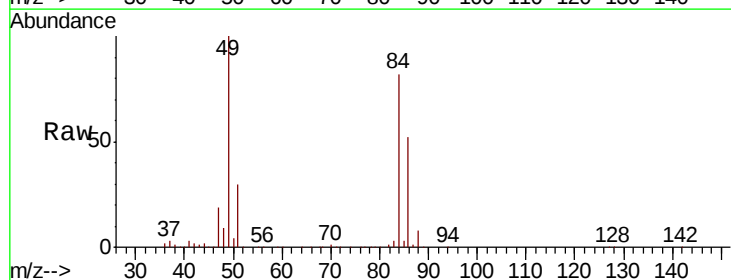
Instrument :
MSVOA_X
ClientSampleId :
BFB

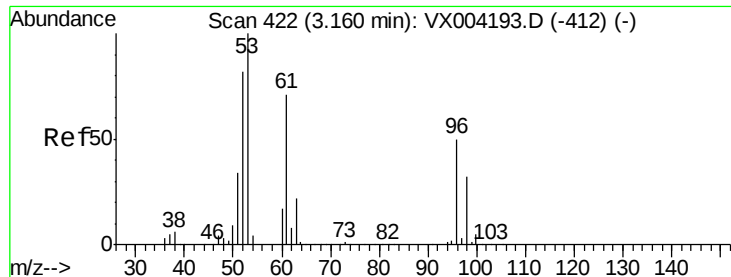
Tot Ion: 73 Resp: 629779
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 44.05 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 84 Resp: 210320
Ion Ratio Lower Upper
84 100
49 121.9 101.2 151.8
51 37.0 29.5 44.3
86 63.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 45.65 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

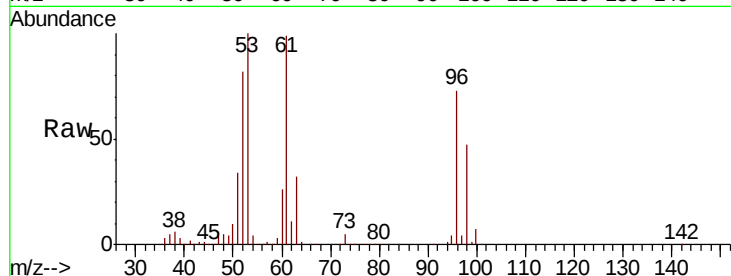
Tot Ion: 96 Resp: 203690

Ion Ratio Lower Upper

96 100

61 135.4 113.8 170.6

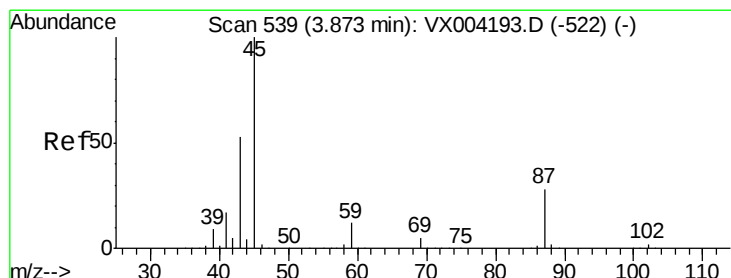
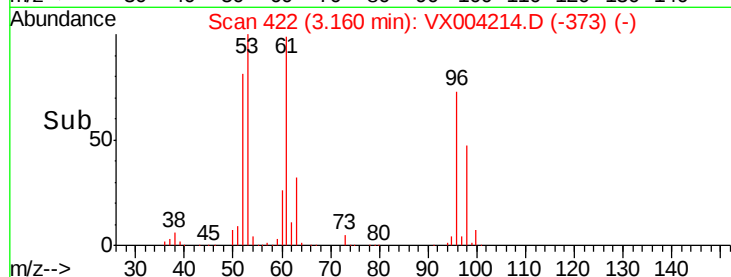
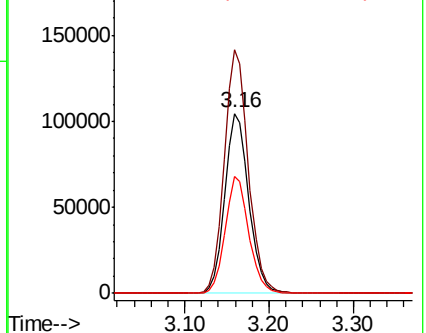
98 65.0 51.8 77.8



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: 46.73 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Tgt Ion: 45 Resp: 646256

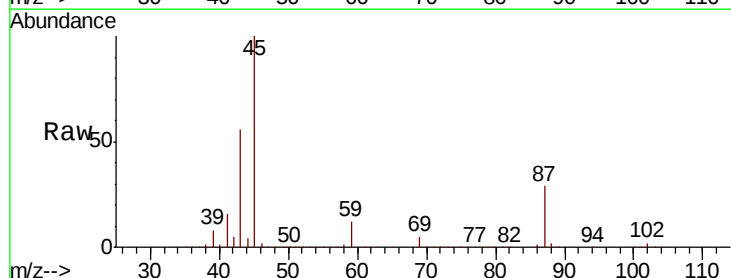
Ion Ratio Lower Upper

45 100

43 55.4 42.8 64.2

87 28.7 22.6 34.0

59 12.0 9.6 14.4

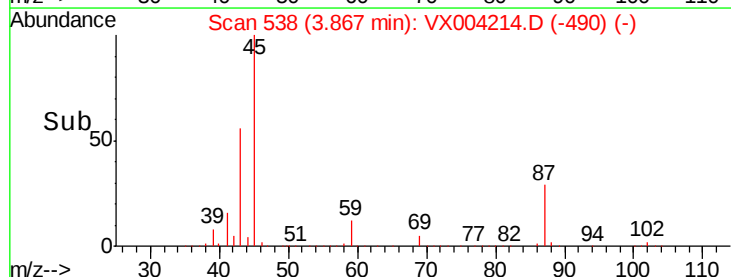
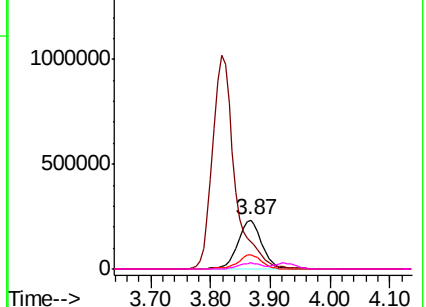


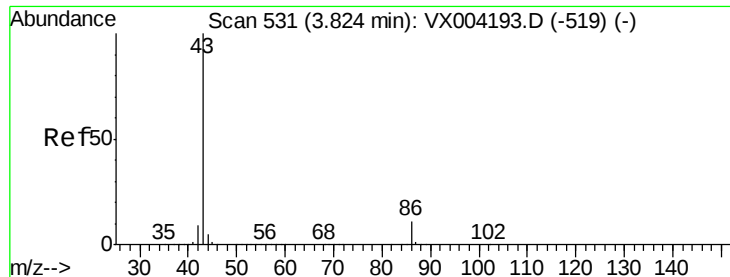
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

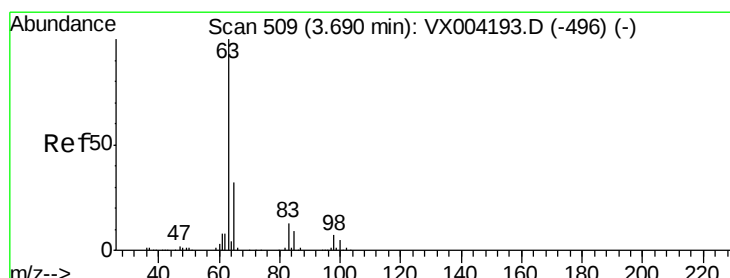
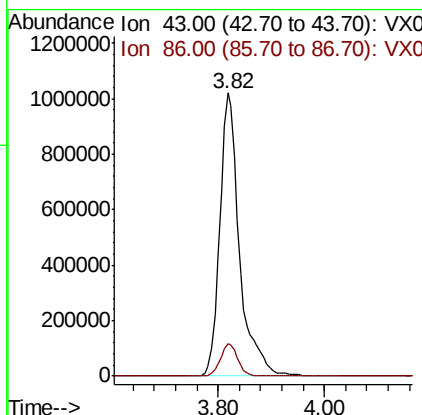
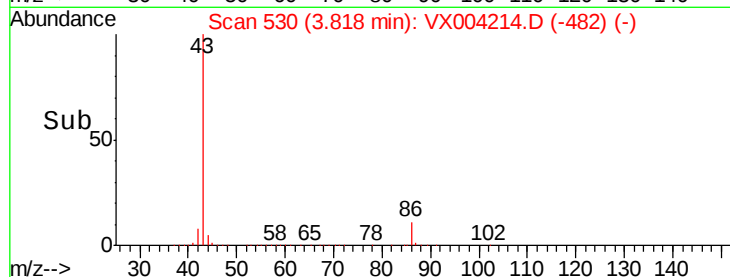
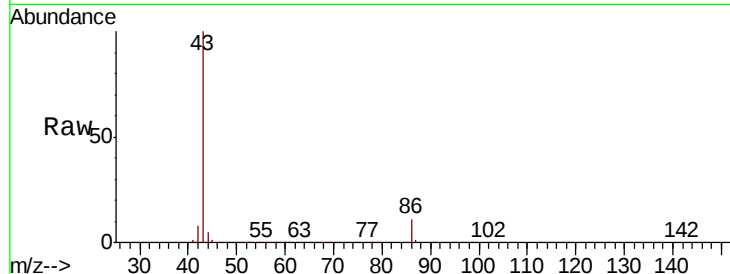




#23
 Vinyl Acetate
 Concen: 235.36 ug/l
 RT: 3.82 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

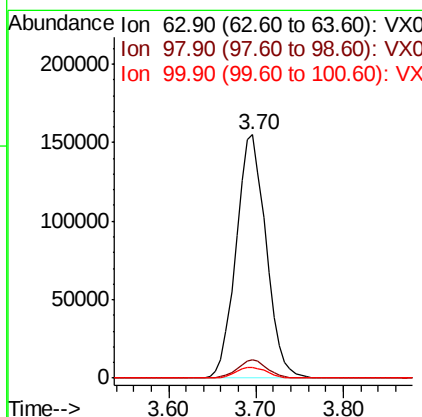
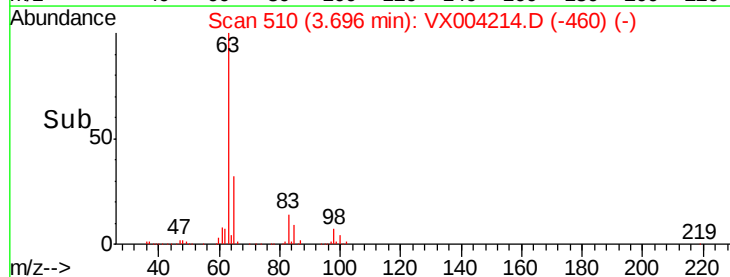
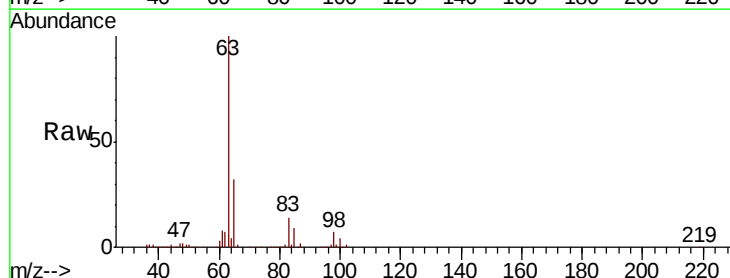
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

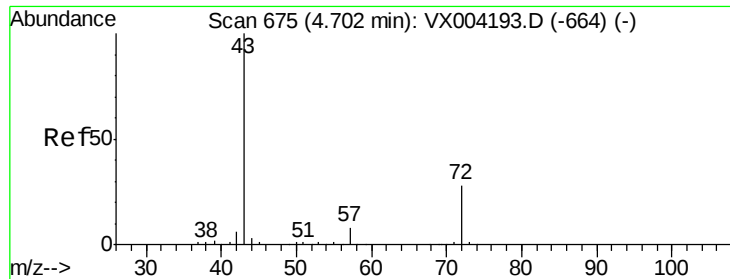
Tot Ion: 43 Resp: 2638193
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 45.75 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 63 Resp: 368716
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 220.23 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

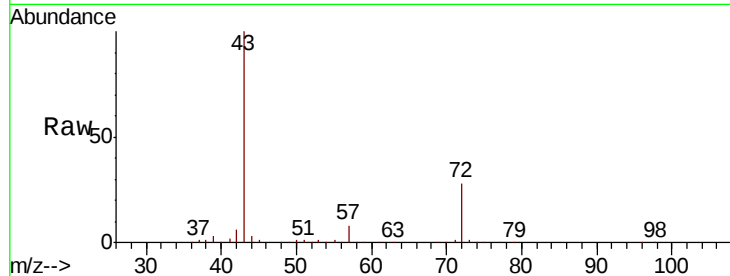
BFB

Tot Ion: 43 Resp: 733090

Ion Ratio Lower Upper

43 100

72 28.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

250000

200000

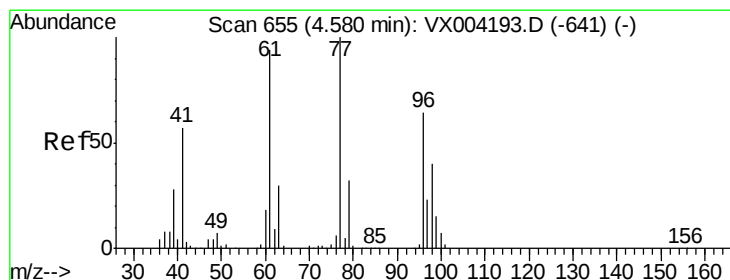
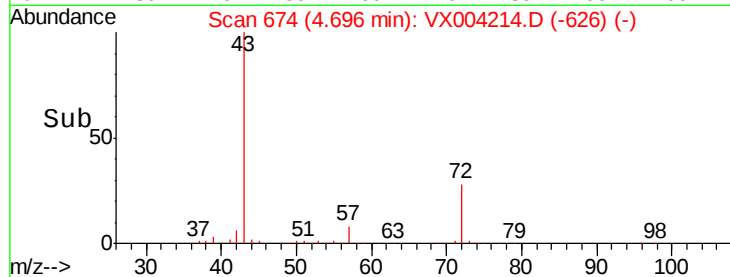
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.73 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004214.D

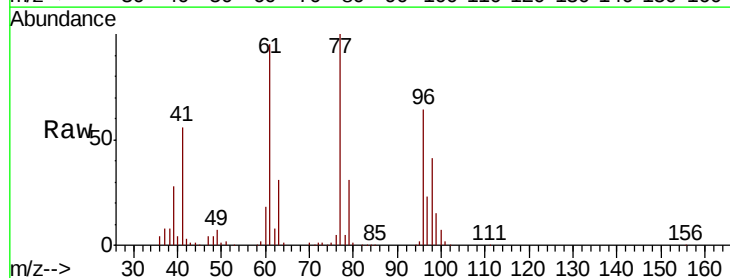
Acq: 23 Aug 2018 09:13

Tgt Ion: 77 Resp: 308077

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

100000

80000

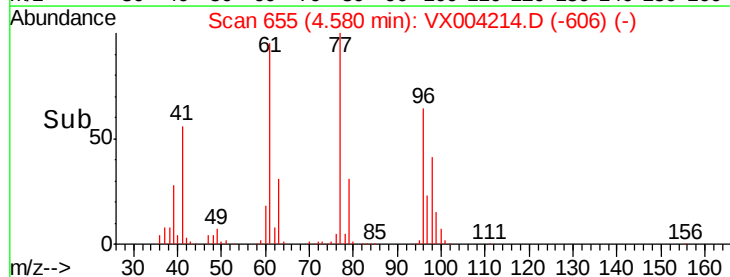
60000

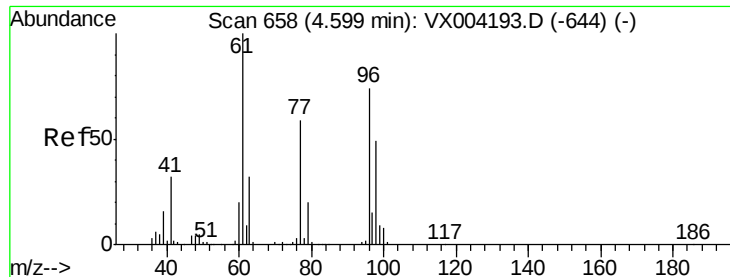
40000

20000

0

Time-->



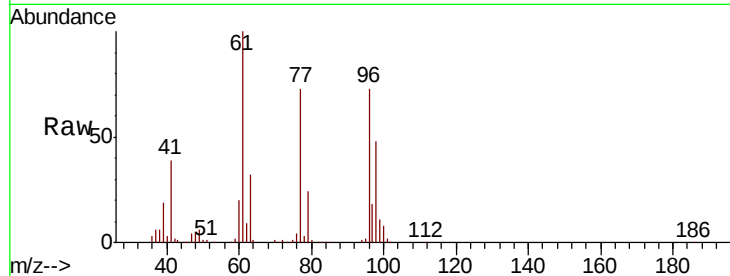


#27

cis-1,2-Dichloroethene
 Concen: 46.20 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	282.6
98	64.5	0.0	130.2

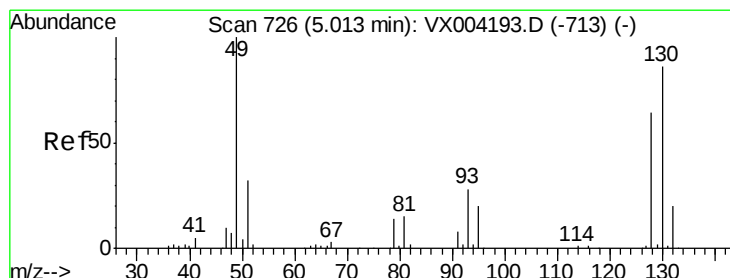
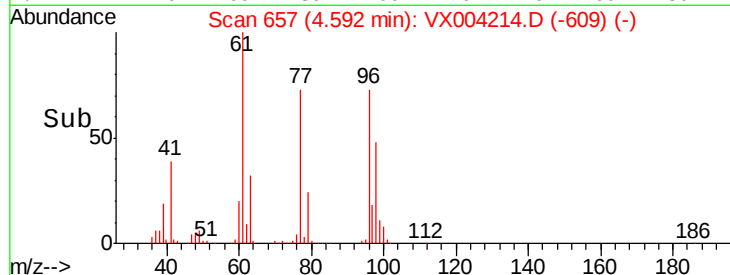
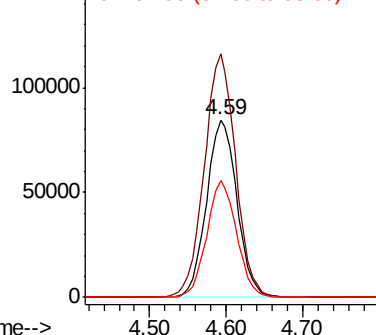


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

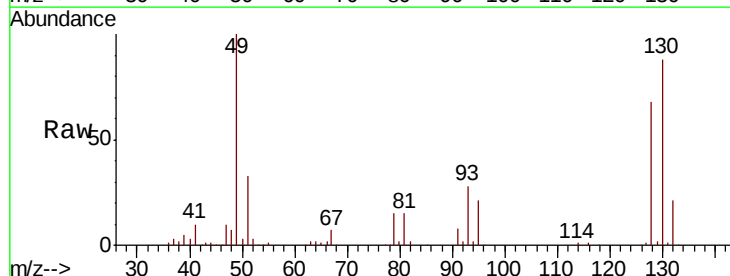
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 45.28 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.9	67.5	101.3

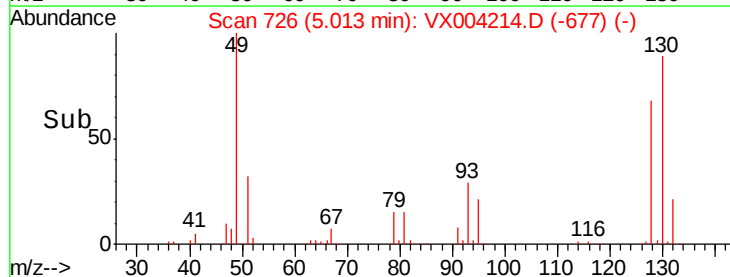
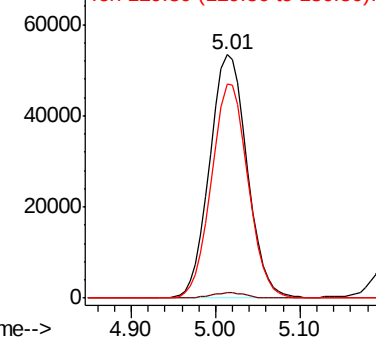


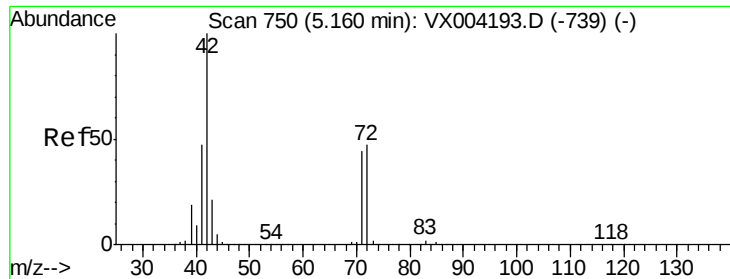
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

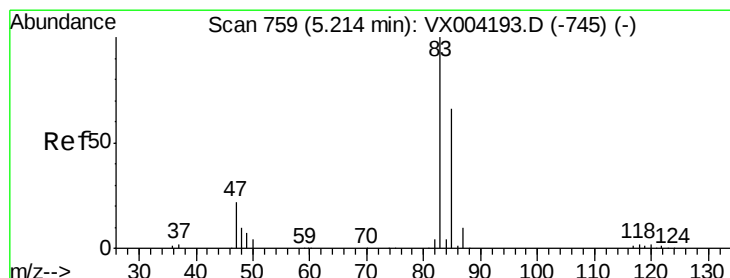
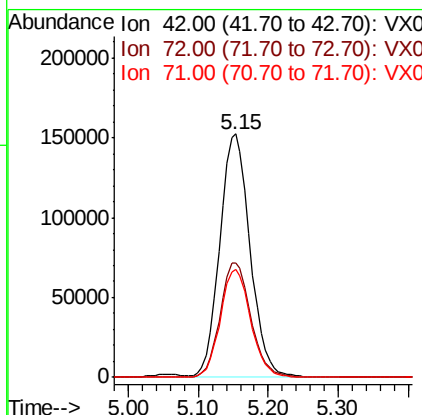
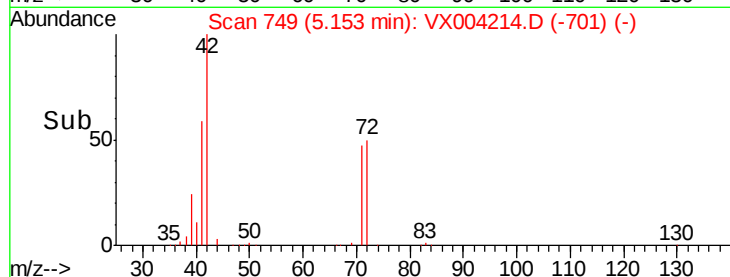
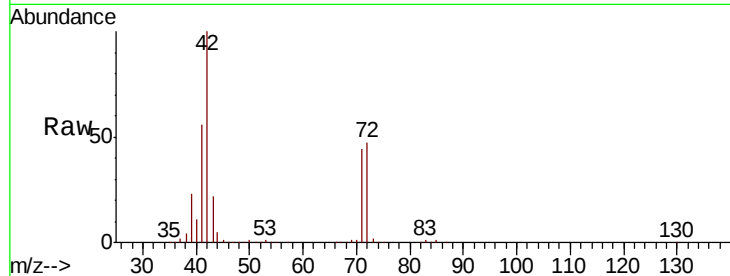




#29
Tetrahydrofuran
Concen: 214.20 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

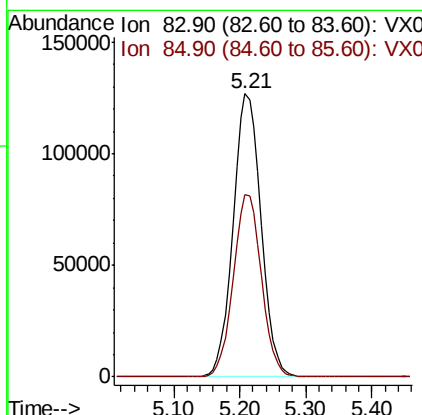
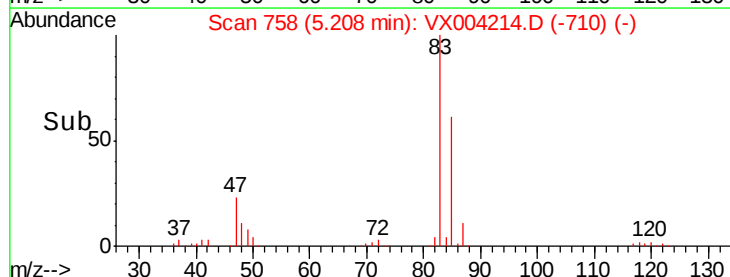
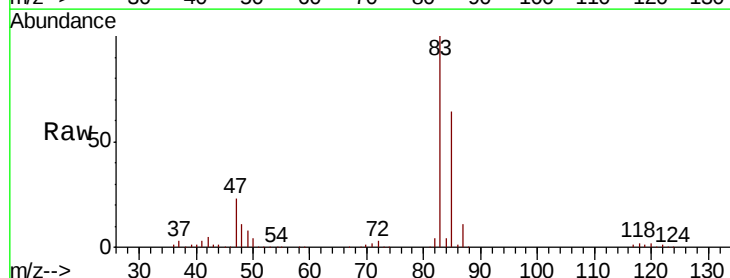
Instrument :
MSVOA_X
ClientSampled :
BFB

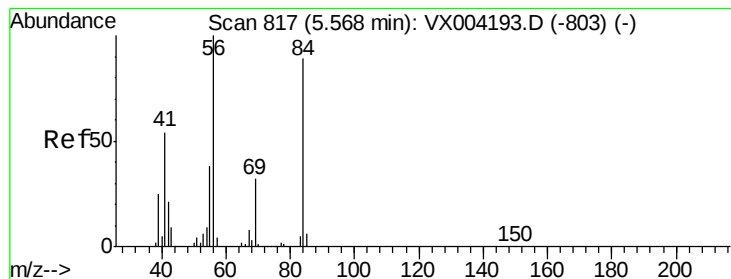
Tot Ion: 42 Resp: 456492
Ion Ratio Lower Upper
42 100
72 47.9 37.4 56.0
71 44.5 34.5 51.7



#30
Chloroform
Concen: 45.95 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 83 Resp: 371288
Ion Ratio Lower Upper
83 100
85 64.2 52.6 79.0





#31

Cyclohexane

Concen: 48.21 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

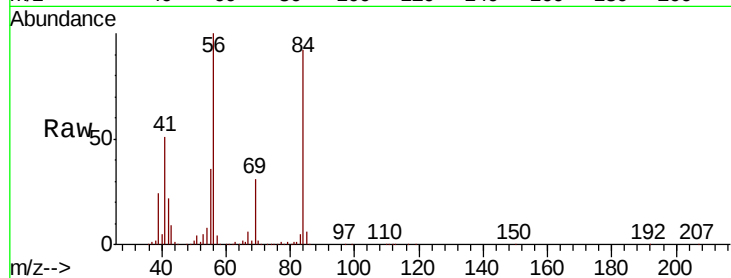
Tot Ion: 56 Resp: 335252

Ion Ratio Lower Upper

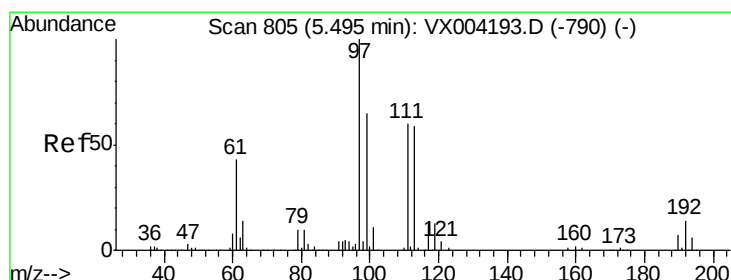
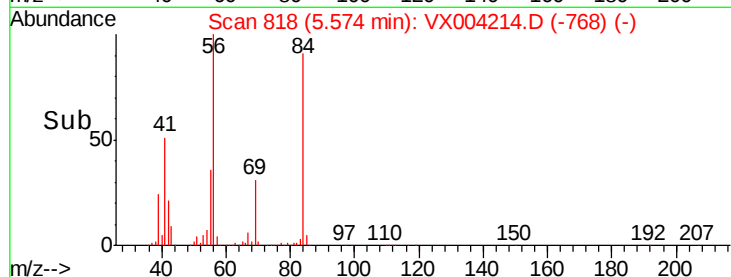
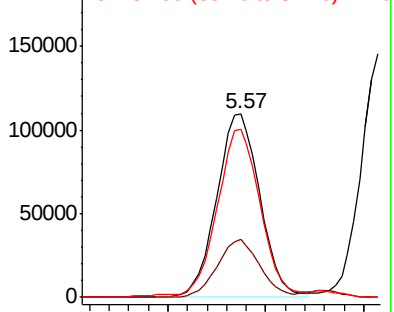
56 100

69 31.3 25.4 38.2

84 90.1 71.4 107.2



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: 47.61 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

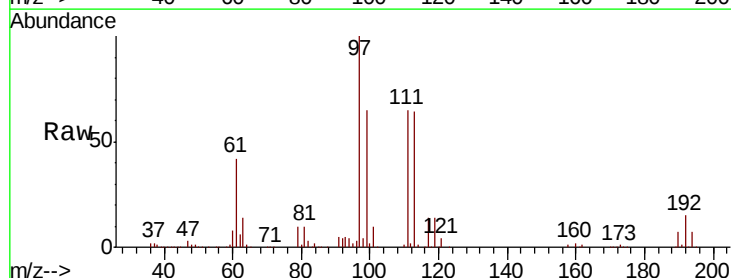
Tgt Ion: 97 Resp: 320818

Ion Ratio Lower Upper

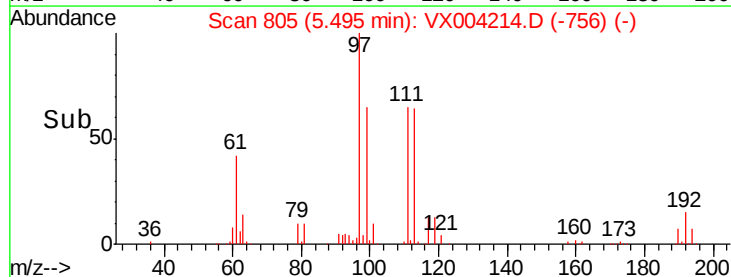
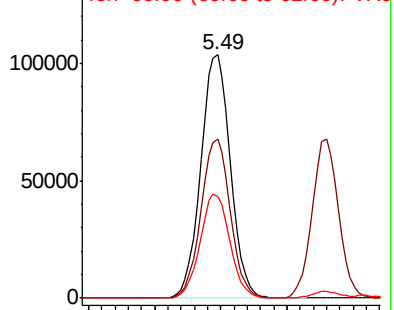
97 100

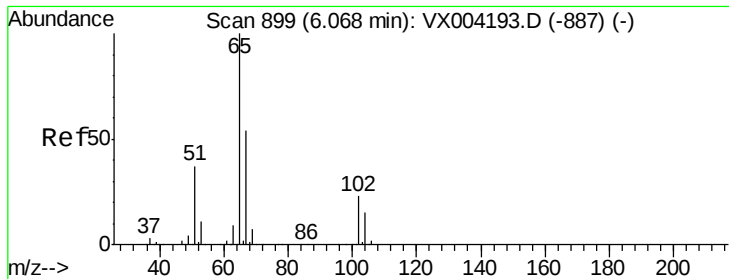
99 64.7 52.0 78.0

61 43.1 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 43.89 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

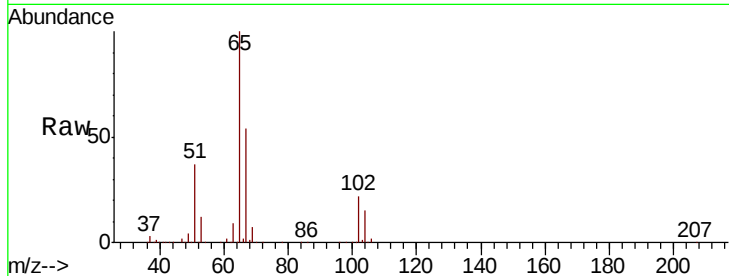
BFB

Tot Ion: 65 Resp: 217710

Ion Ratio Lower Upper

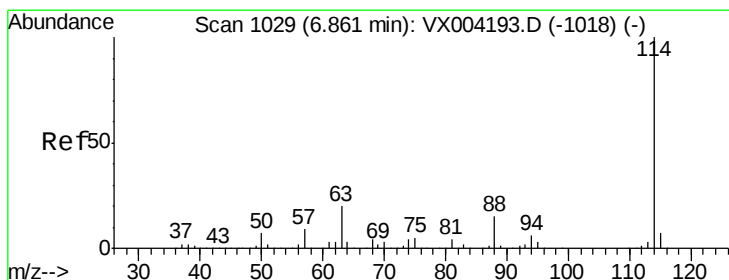
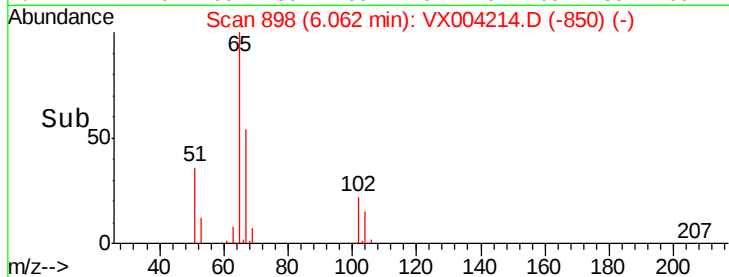
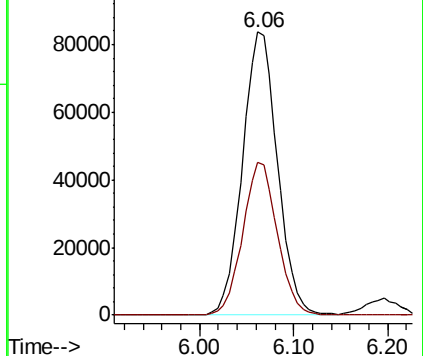
65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

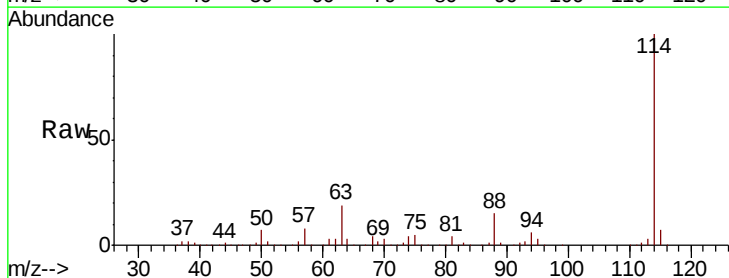
Tgt Ion: 114 Resp: 538924

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

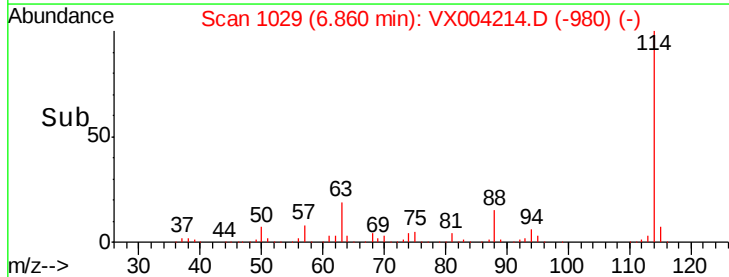
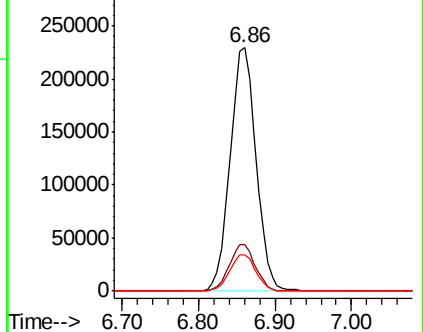
88 14.9 0.0 30.4

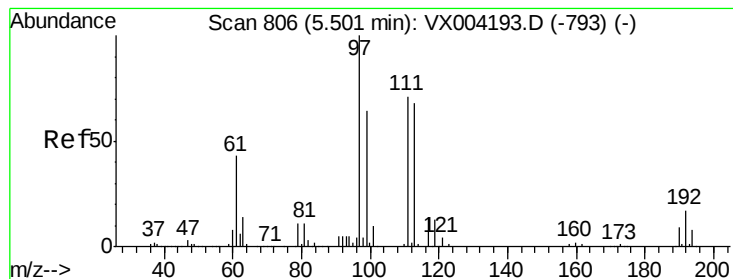


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.31 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

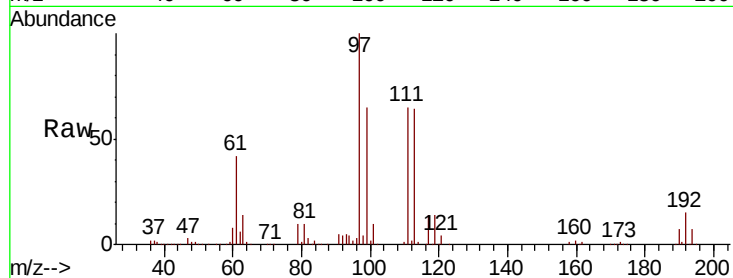
Tot Ion:113 Resp: 189671

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

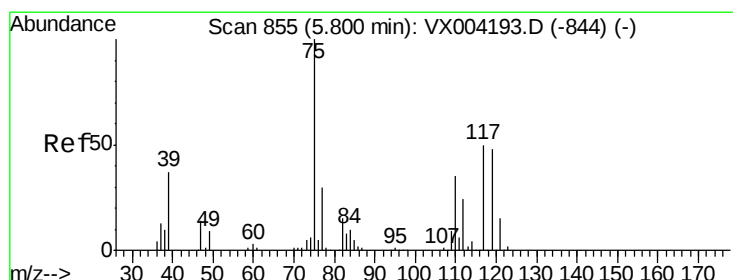
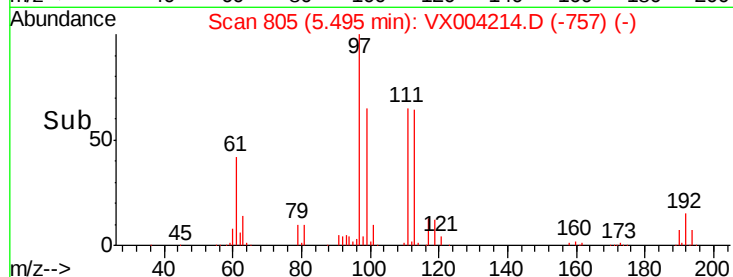
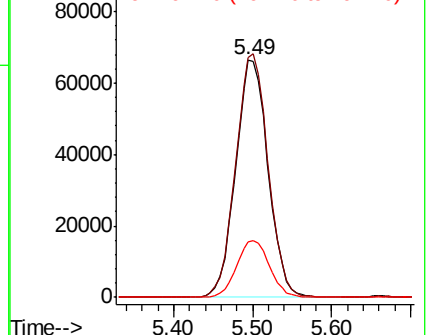
192 24.2 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.17 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

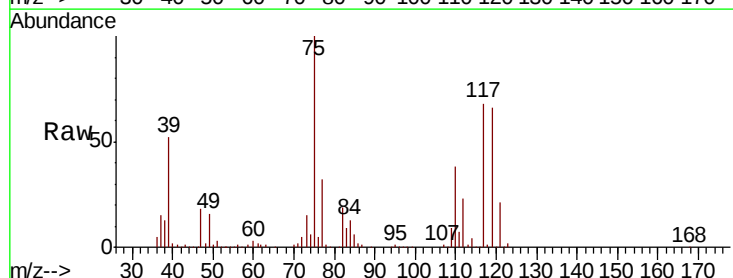
Tgt Ion: 75 Resp: 291845

Ion Ratio Lower Upper

75 100

110 36.9 18.0 54.0

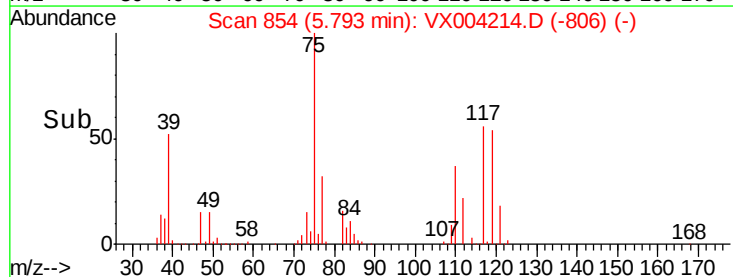
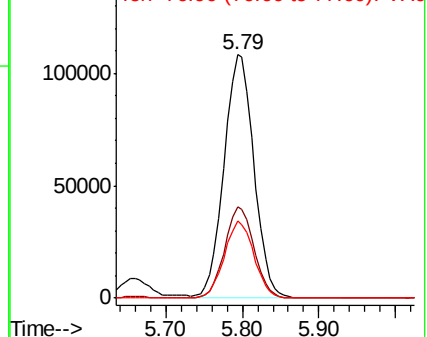
77 31.3 24.6 36.8

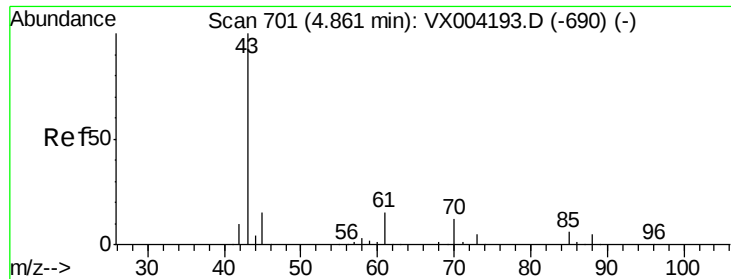


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

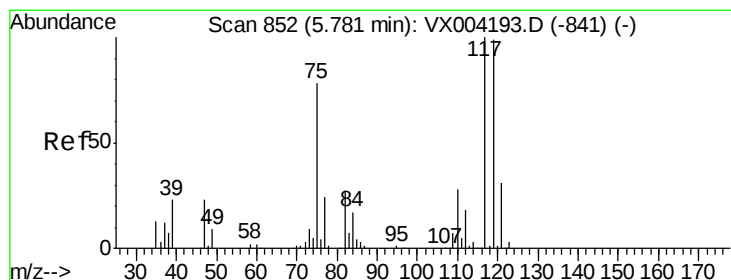
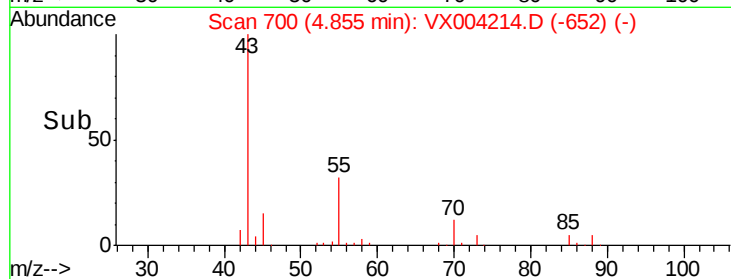
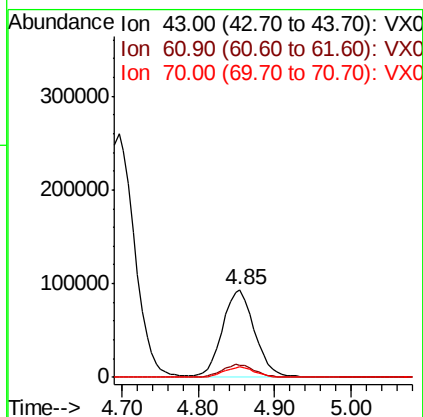
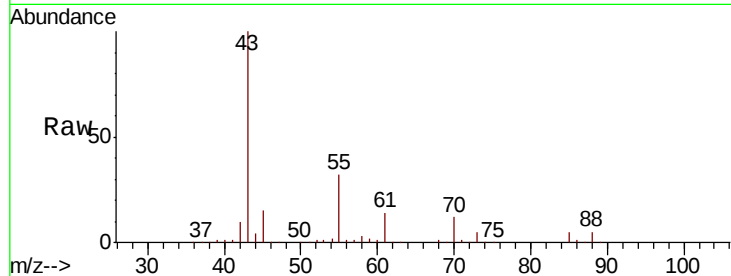




#37
Ethyl Acetate
Concen: 45.40 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

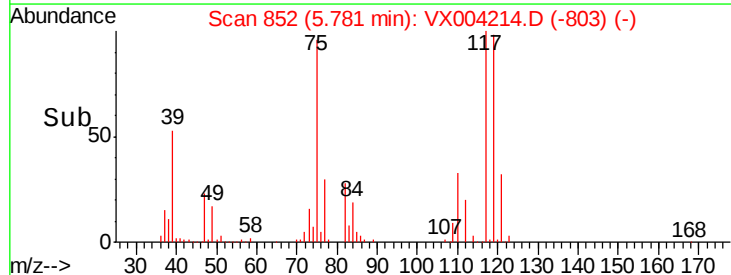
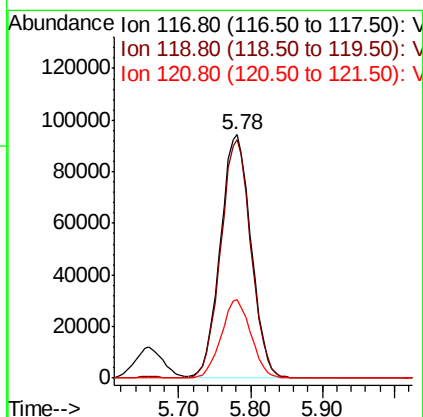
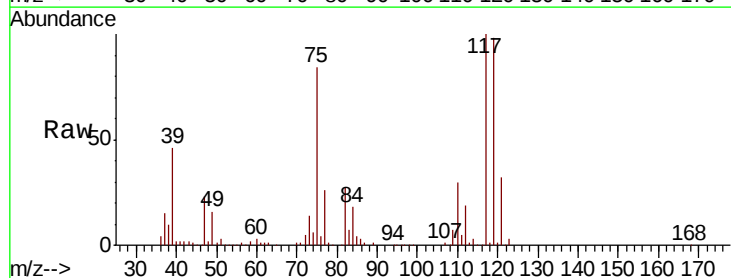
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion: 43 Resp: 270504
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.07 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 117 Resp: 279670
Ion Ratio Lower Upper
117 100
119 98.1 78.8 118.2
121 32.0 24.9 37.3

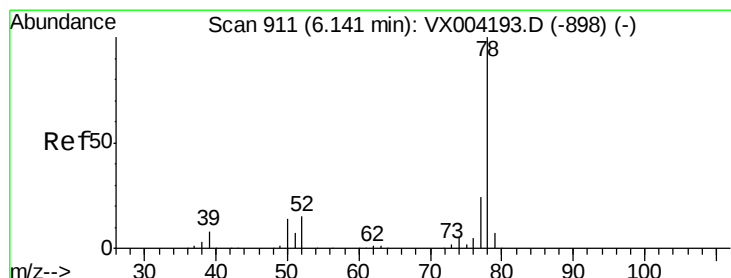
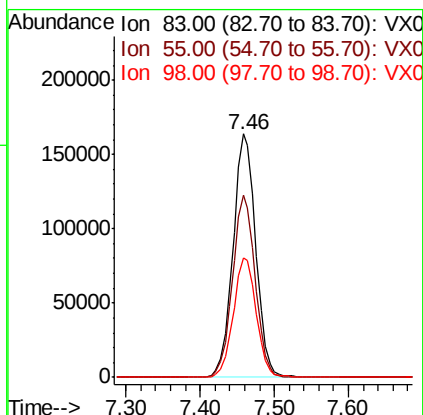
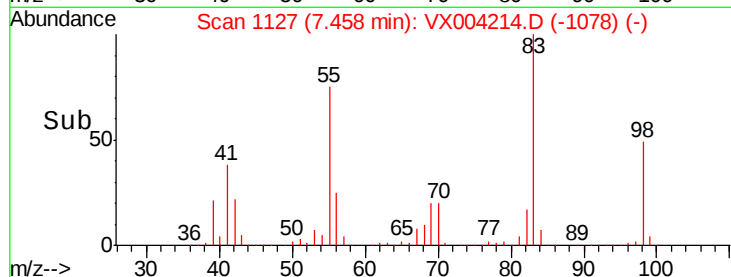
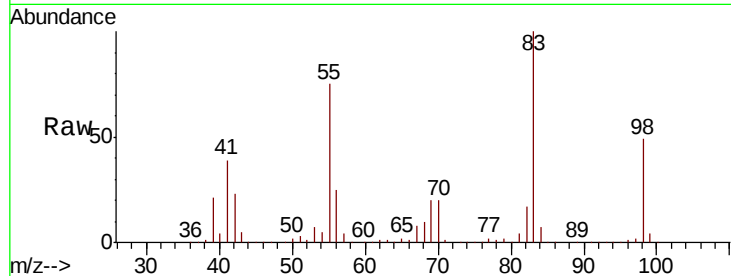




#39
Methvlcvclohexane
Concen: 50.67 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

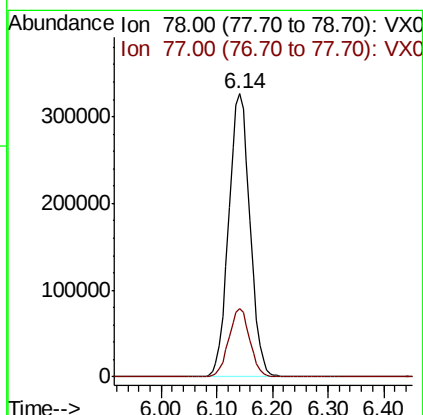
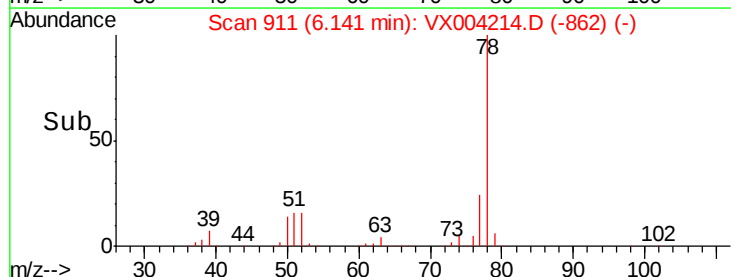
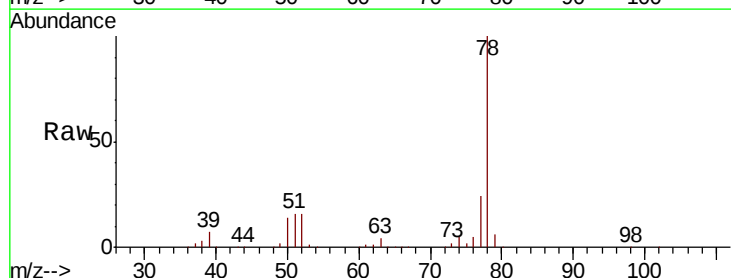
Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 83 Resp: 350494
Ion Ratio Lower Upper
83 100
55 74.6 61.0 91.4
98 49.2 39.6 59.4



#40
Benzene
Concen: 47.58 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 78 Resp: 861321
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

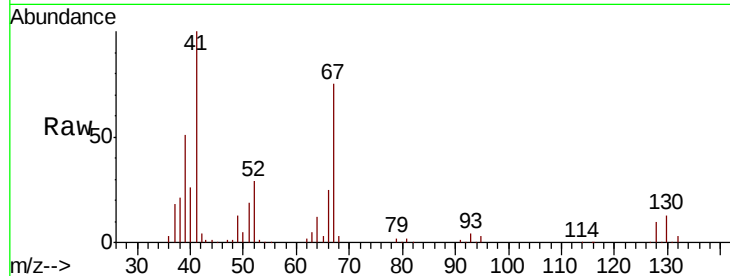




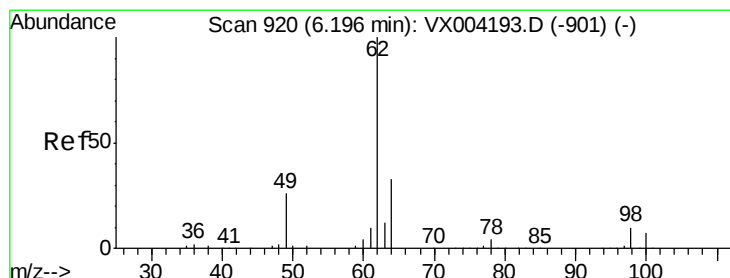
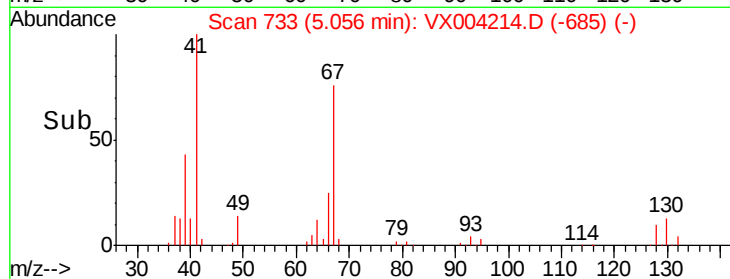
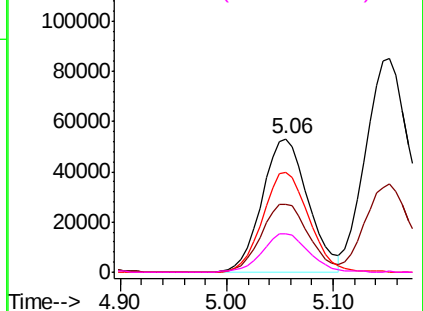
#41
Methacrylonitrile
Concen: 46.34 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:	41	Resp:	160060
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	75.0	59.2	88.8
52	28.7	23.0	34.4

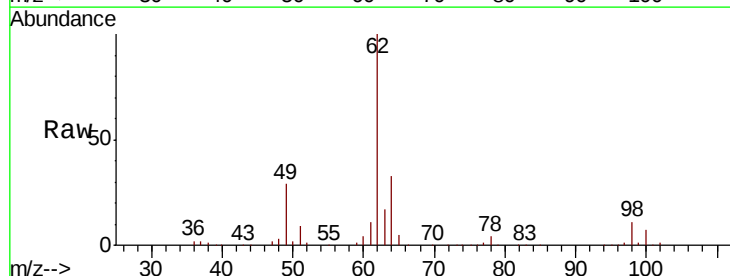


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

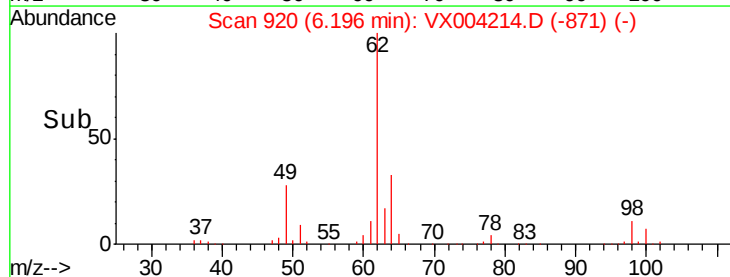
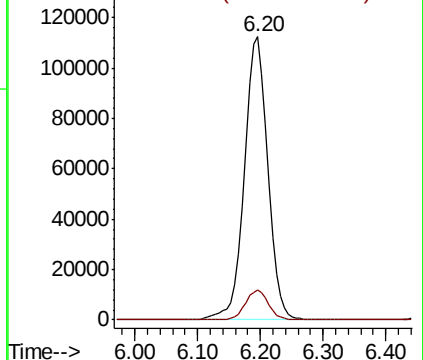


#42
1,2-Dichloroethane
Concen: 46.90 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion:	62	Resp:	289648
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6



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



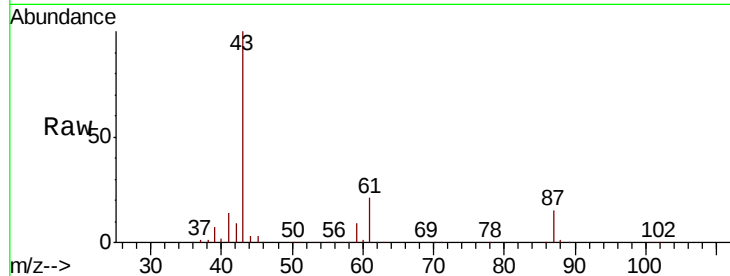


#43

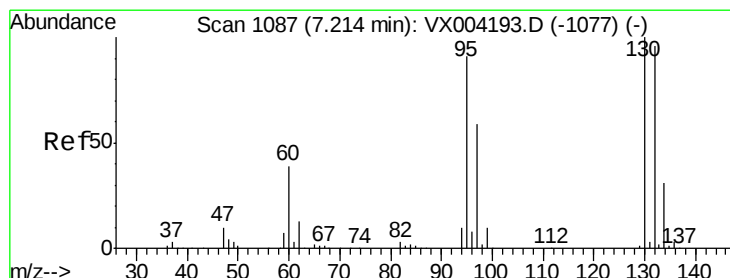
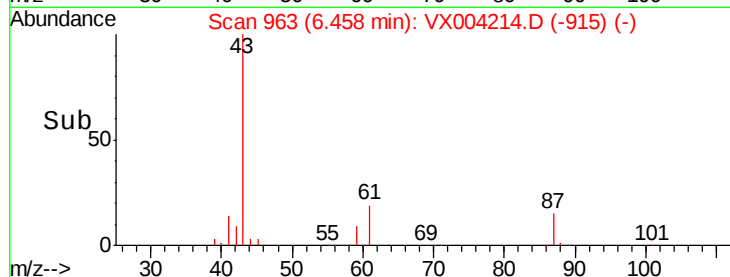
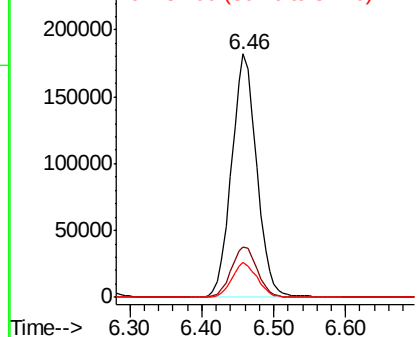
Isopropyl Acetate
 Concen: 48.17 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion: 43 Resp: 441035
 Ion Ratio Lower Upper
 43 100
 61 21.4 17.0 25.4
 87 14.4 11.4 17.2



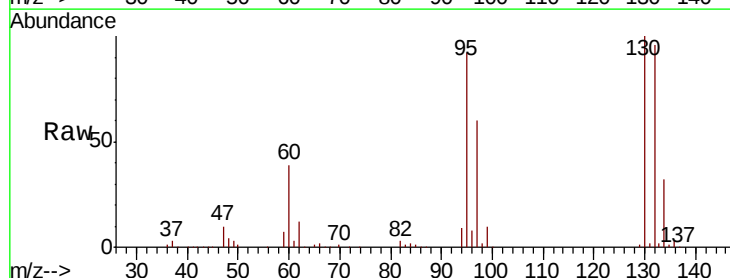
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



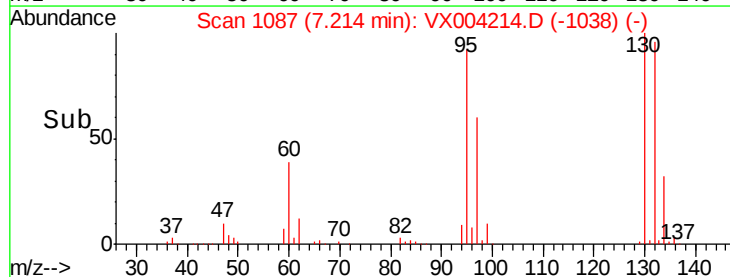
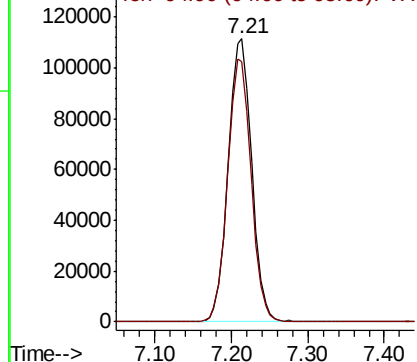
#44

Trichloroethene
 Concen: 47.32 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion:130 Resp: 237119
 Ion Ratio Lower Upper
 130 100
 95 91.8 0.0 181.6



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

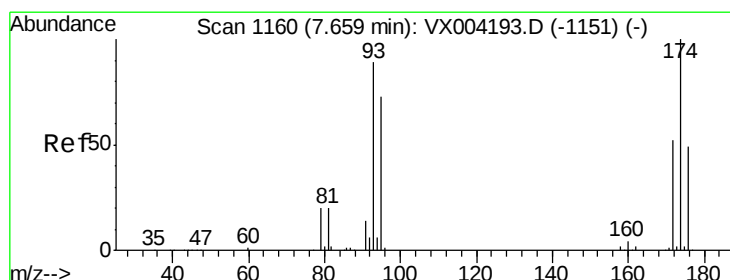
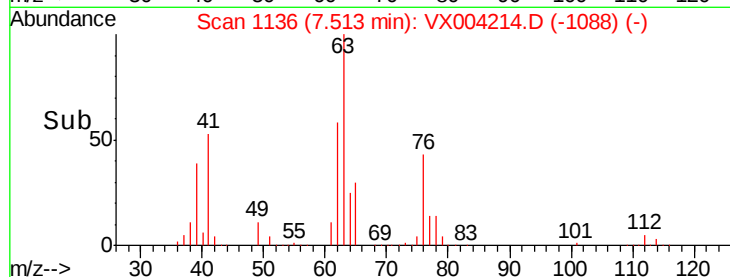
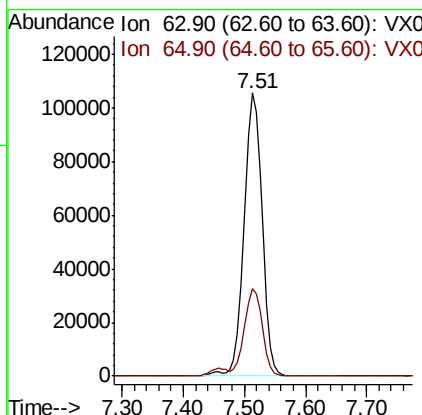
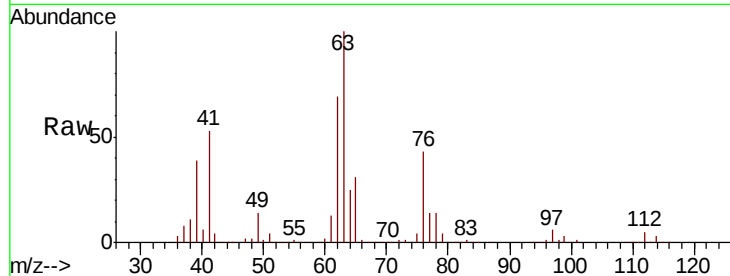




#45
 1,2-Dichloropropane
 Concen: 47.78 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

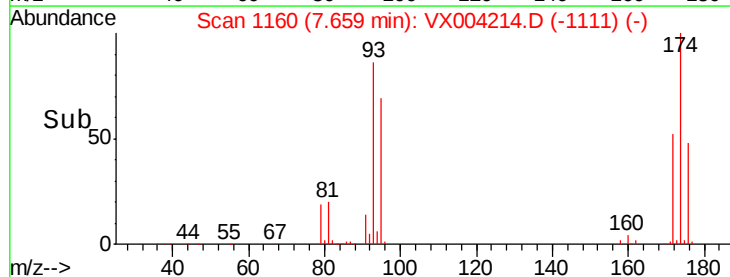
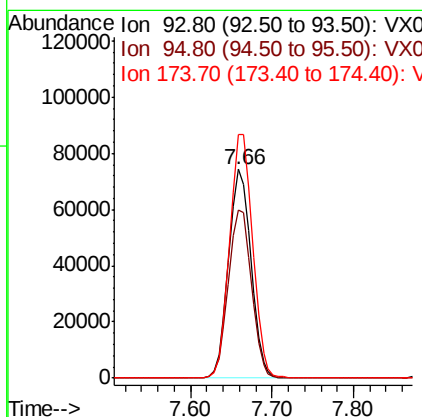
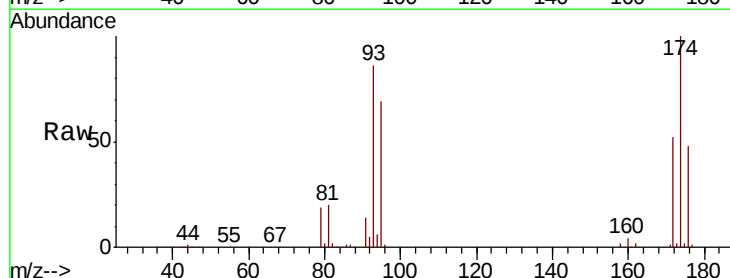
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

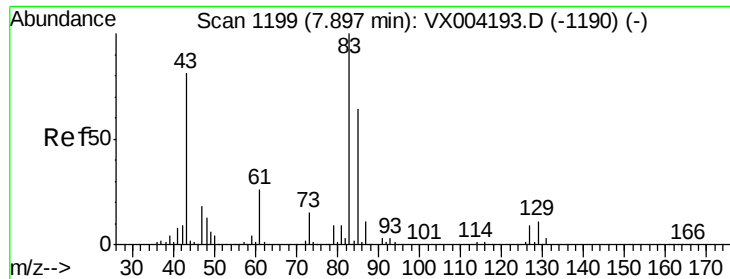
Tot Ion: 63 Resp: 216483
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 46.70 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 93 Resp: 140878
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 119.5 94.2 141.4





#47

Bromodichloromethane

Concen: 49.23 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

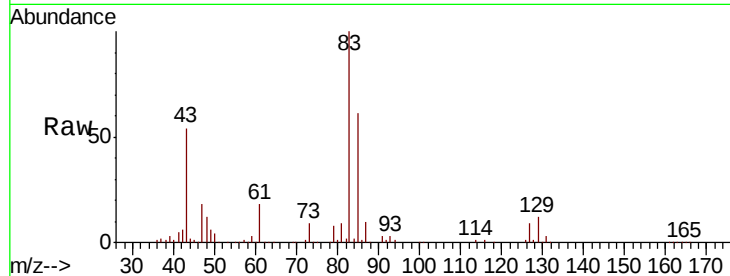
Tot Ion: 83 Resp: 276351

Ion Ratio Lower Upper

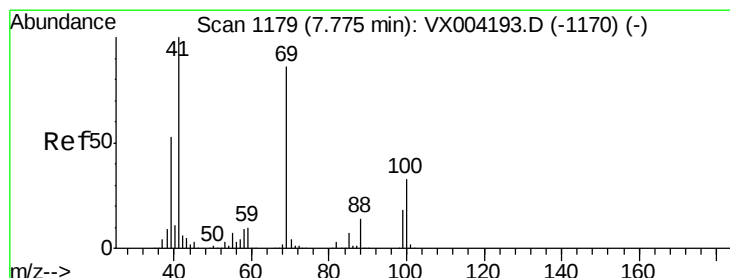
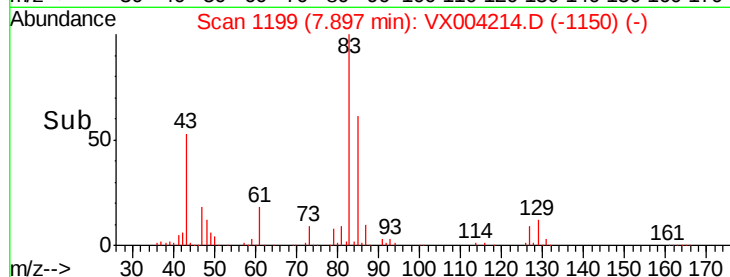
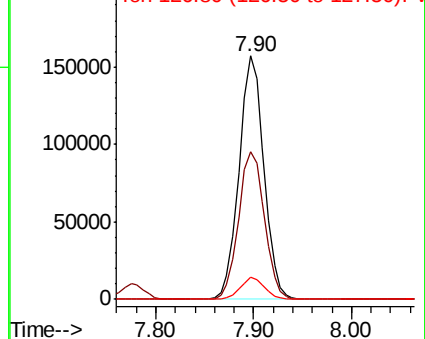
83 100

85 60.6 50.9 76.3

127 8.9 7.3 10.9



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: 48.40 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

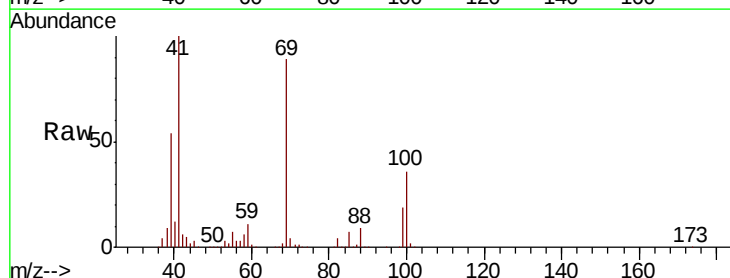
Tgt Ion: 41 Resp: 237125

Ion Ratio Lower Upper

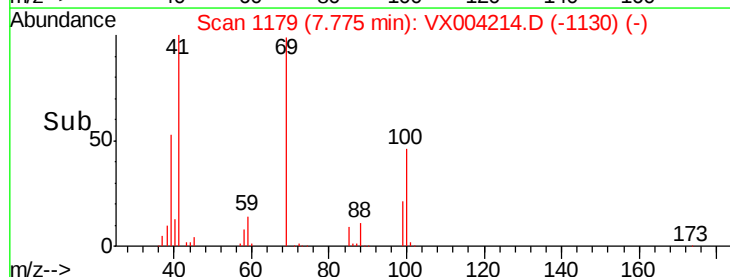
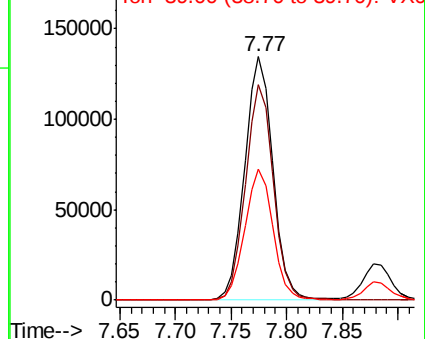
41 100

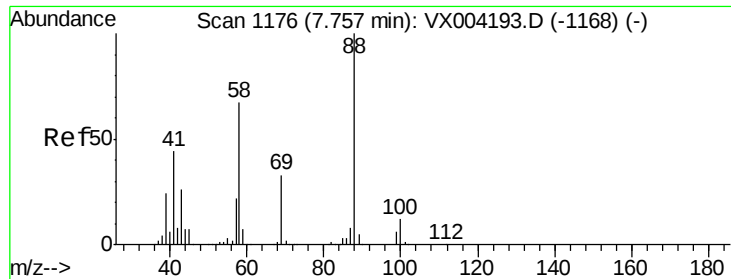
69 87.8 70.2 105.4

39 53.6 42.7 64.1



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

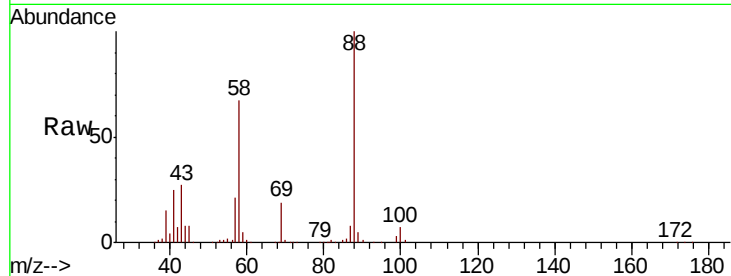




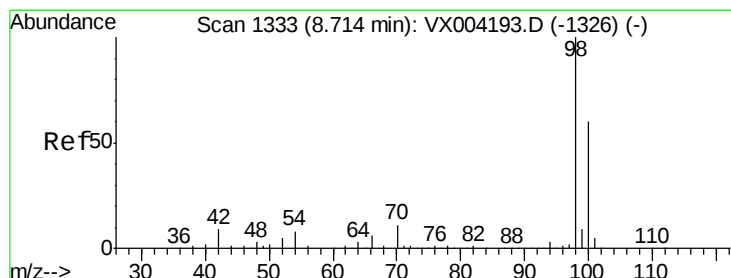
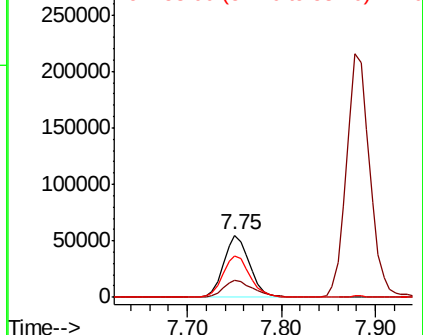
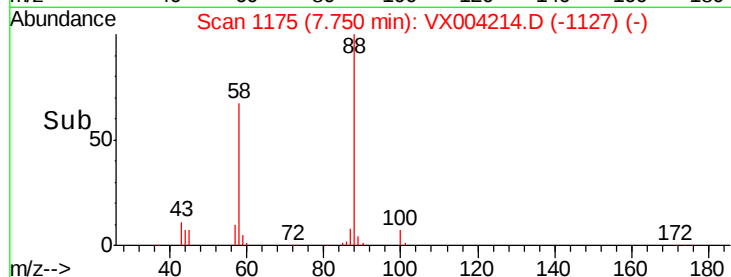
#49
 1,4-Dioxane
 Concen: 928.51 ug/l
 RT: 7.75 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tot Ion: 88 Resp: 103282
 Ion Ratio Lower Upper
 88 100
 43 31.6 24.7 37.1
 58 69.7 55.3 82.9

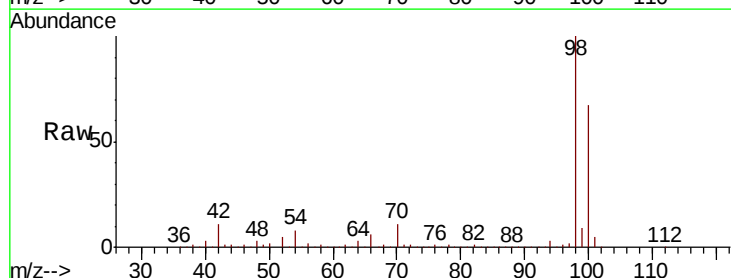


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

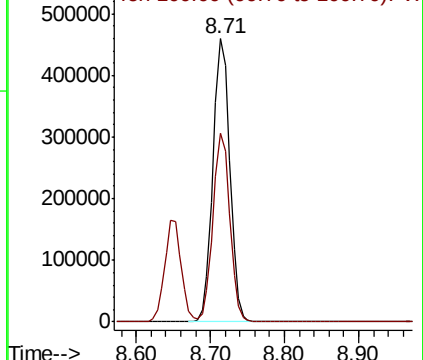
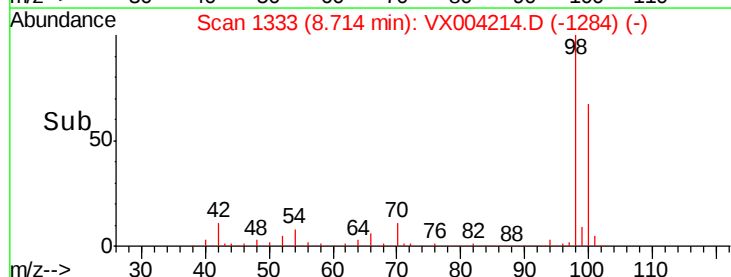


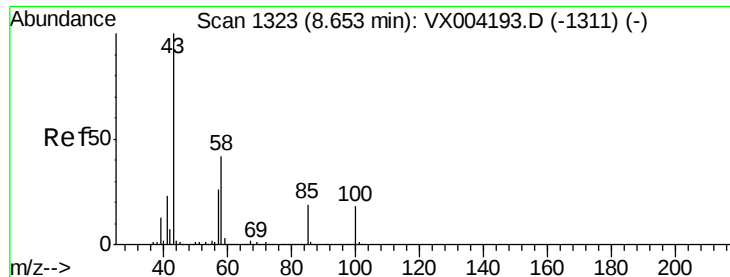
#50
 Toluene-d8
 Concen: 47.37 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 98 Resp: 716834
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 218.34 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

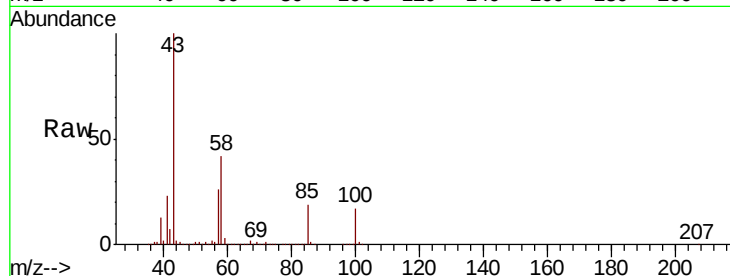
BFB

Tot Ion: 43 Resp: 1452538

Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX004193.D (-1311) (-)

Ion 58.00 (57.70 to 58.70): VX004193.D (-1311) (-)

8.65

1000000

800000

600000

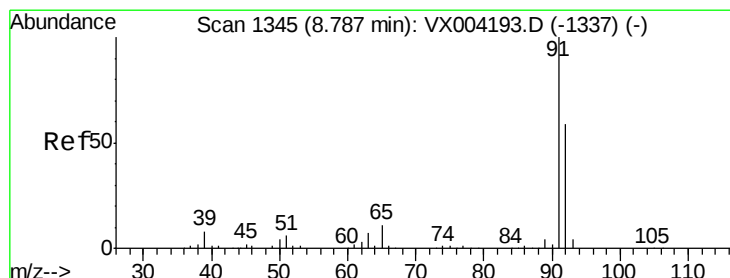
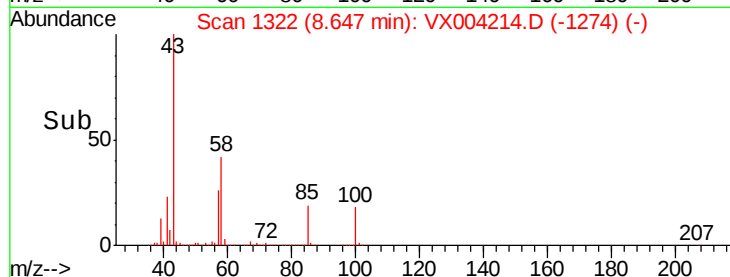
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 49.23 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004214.D

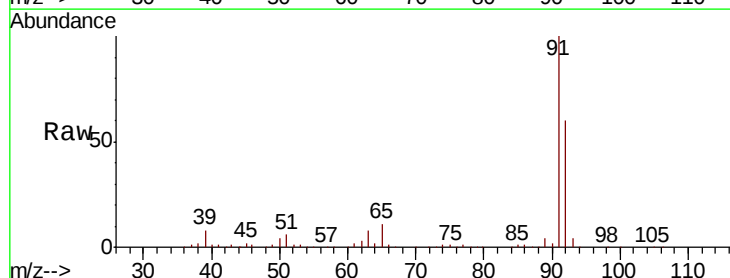
Acq: 23 Aug 2018 09:13

Tgt Ion: 92 Resp: 557902

Ion Ratio Lower Upper

92 100

91 168.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX004193.D (-1337) (-)

Ion 91.00 (90.70 to 91.70): VX004193.D (-1337) (-)

8.79

600000

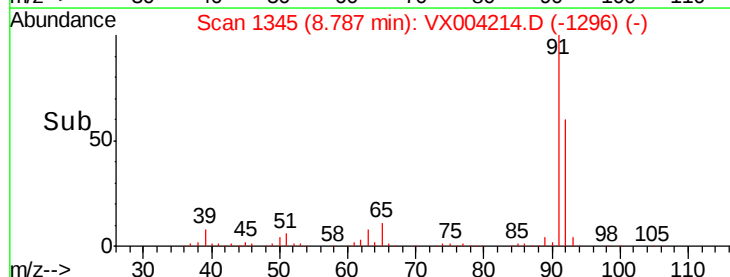
400000

200000

0

8.70 8.80 8.90

Time-->

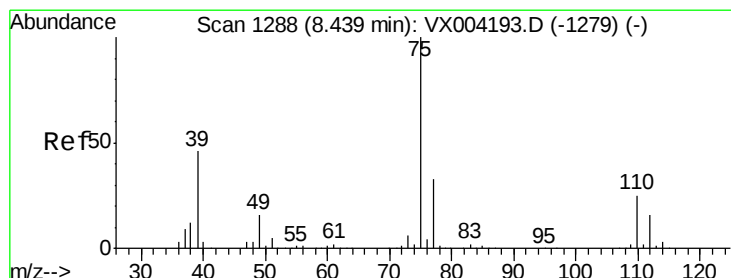
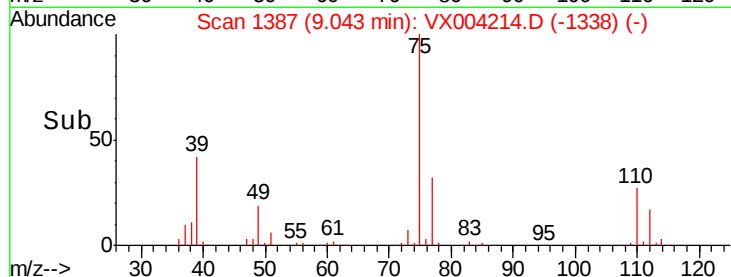
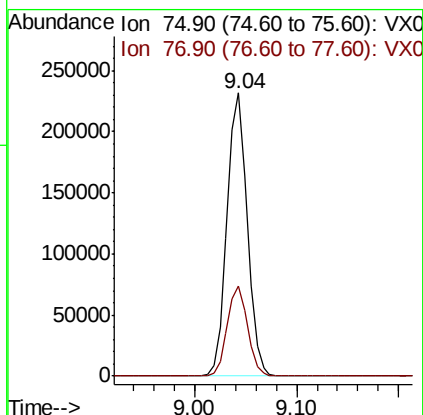
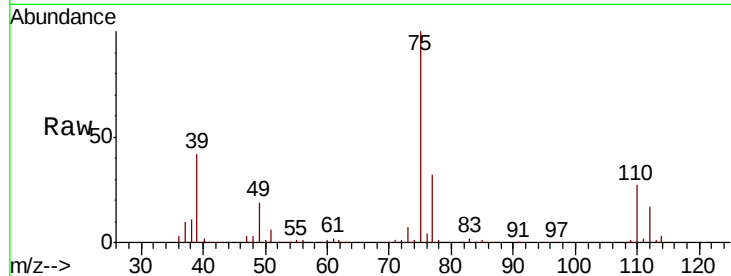




#53
 t-1,3-Dichloropropene
 Concen: 51.36 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

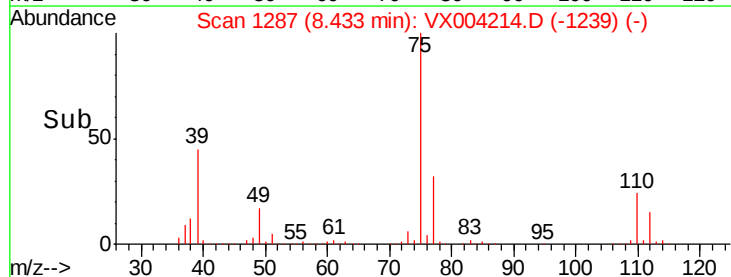
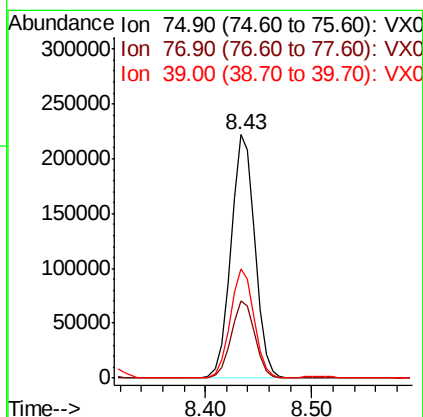
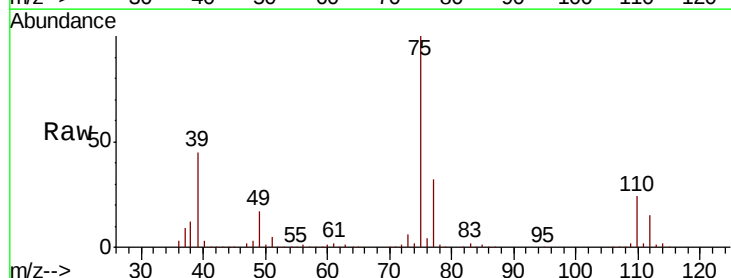
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

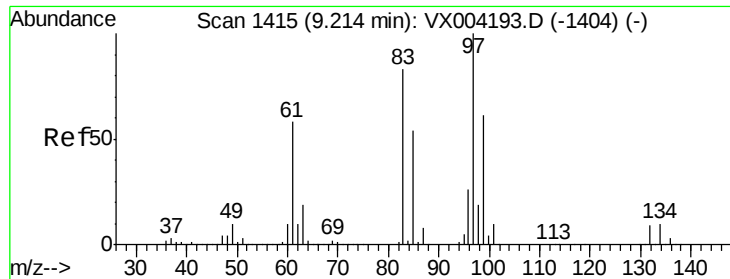
Tot Ion: 75 Resp: 318430
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.74 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 75 Resp: 349461
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.2
 39 45.0 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 47.35 ug/l

RT: 9.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 97 Resp: 216595

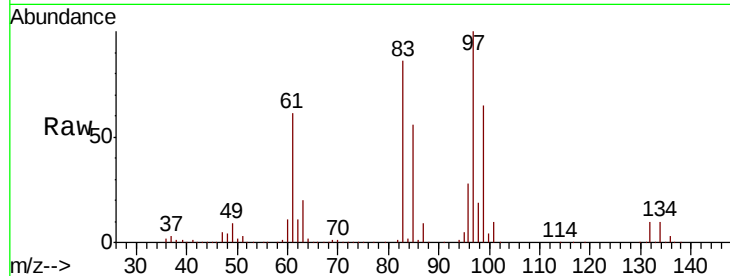
Ion Ratio Lower Upper

97 100

83 86.5 66.4 99.6

85 55.6 43.3 64.9

99 64.8 49.0 73.4

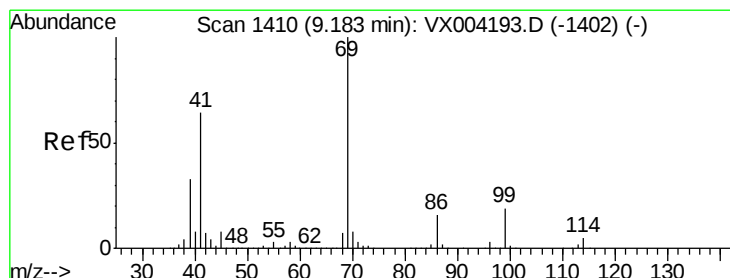
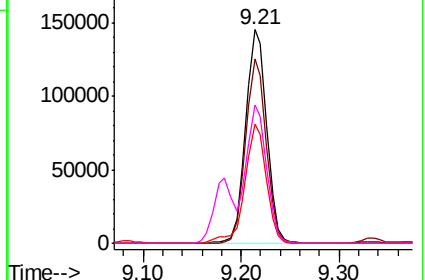
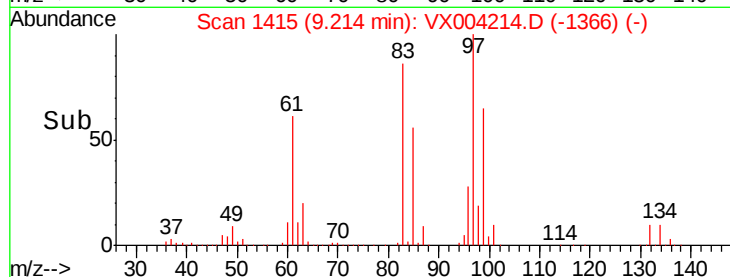


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.18 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

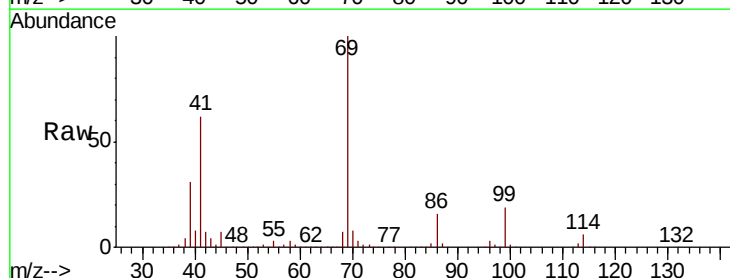
Tgt Ion: 69 Resp: 324970

Ion Ratio Lower Upper

69 100

41 63.1 51.0 76.4

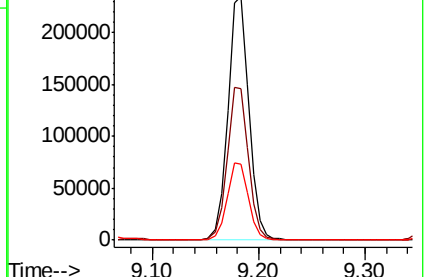
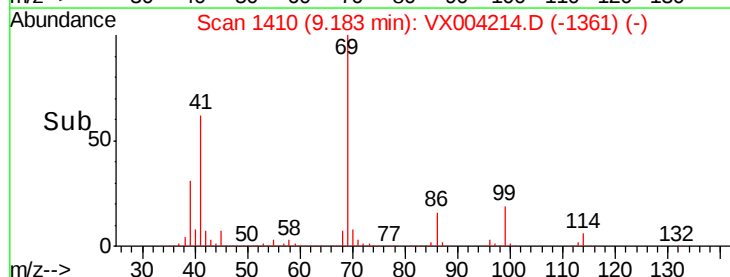
39 32.2 26.1 39.1

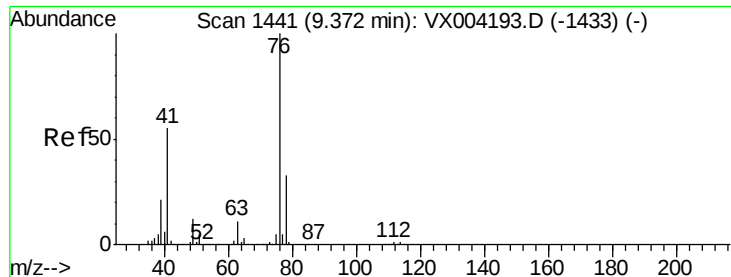


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

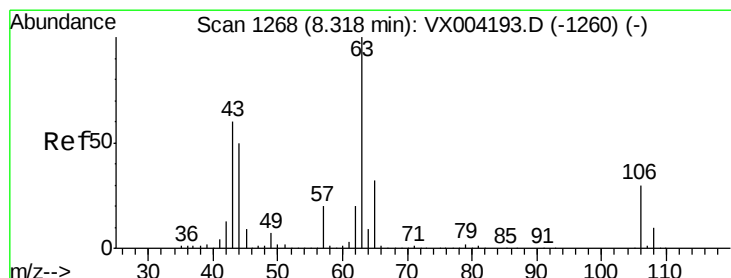
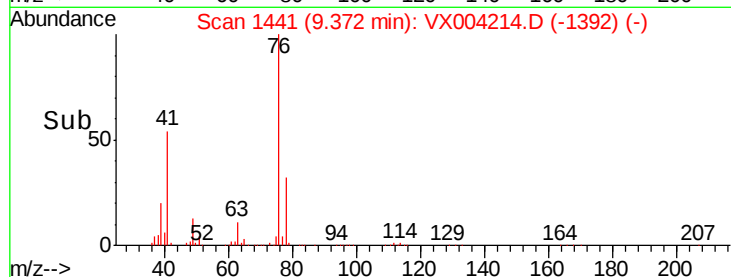
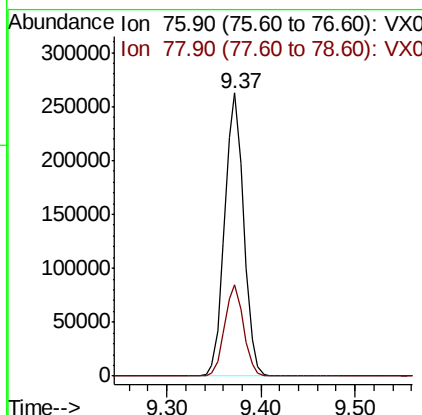
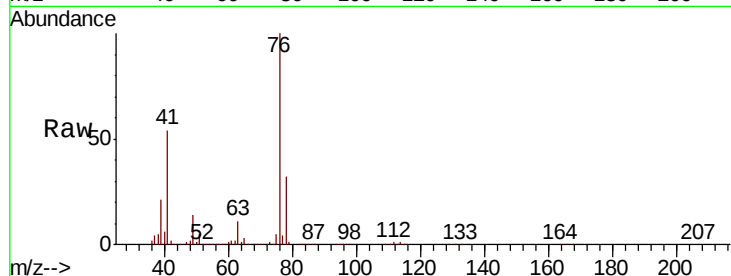




#57
 1,3-Dichloropropane
 Concen: 47.73 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

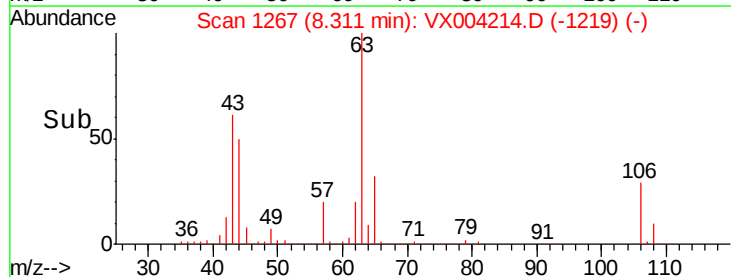
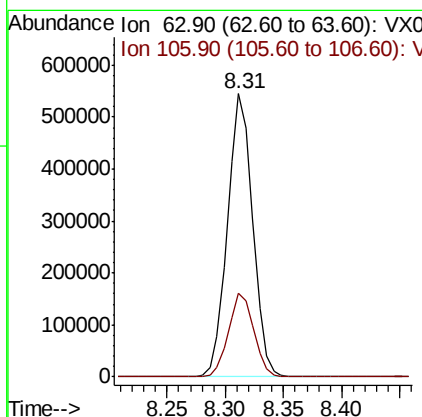
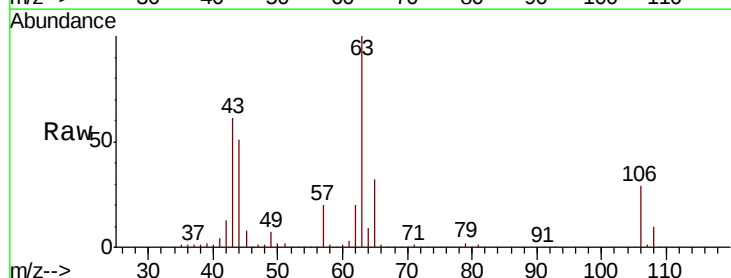
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

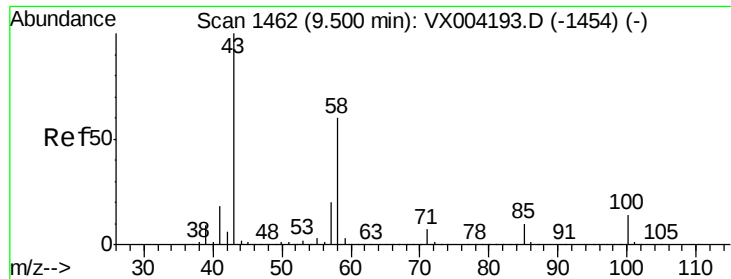
Tot Ion: 76 Resp: 368054
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.36 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 63 Resp: 821215
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.9 35.9

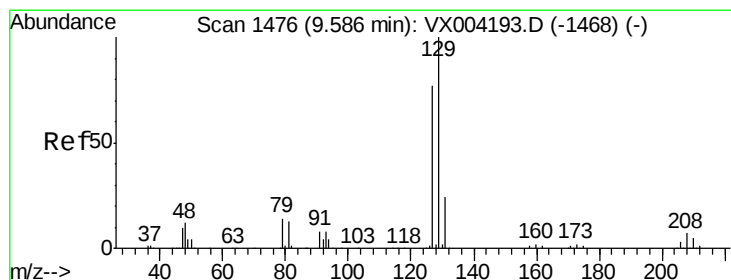
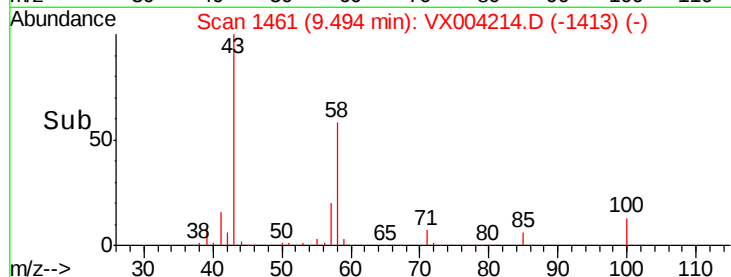
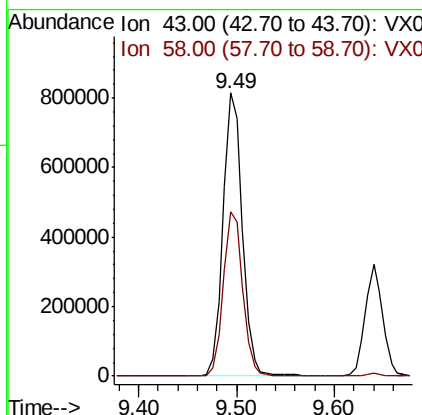
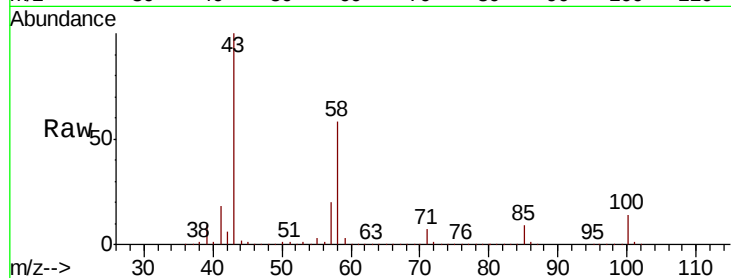




#59
 2-Hexanone
 Concen: 219.72 ug/l
 RT: 9.49 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

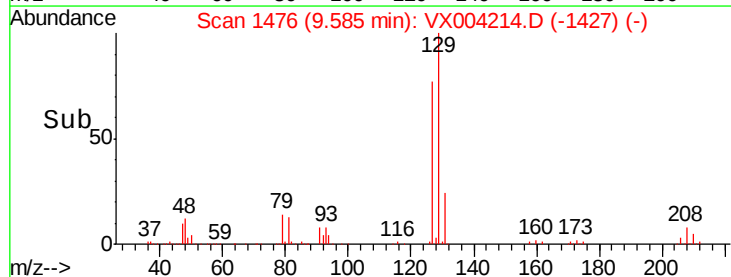
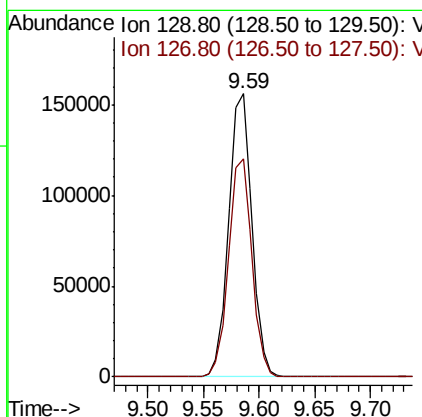
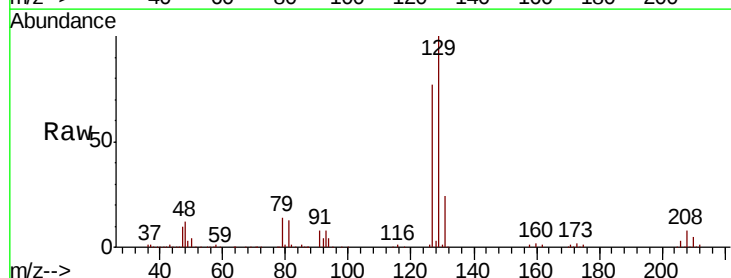
Instrument :
 MSVOA_X
 ClientSampleID :
 BFB

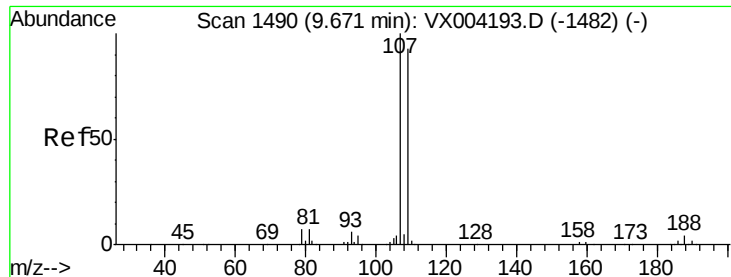
Tot Ion: 43 Resp: 1115142
 Ion Ratio Lower Upper
 43 100
 58 58.3 29.0 87.0



#60
 Dibromochloromethane
 Concen: 50.44 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 129 Resp: 224823
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.19 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

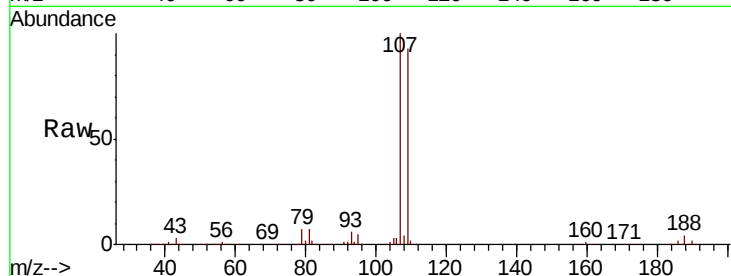
BFB

Tot Ion:107 Resp: 228135

Ion Ratio Lower Upper

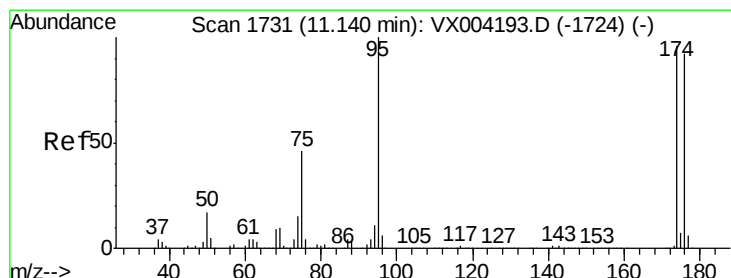
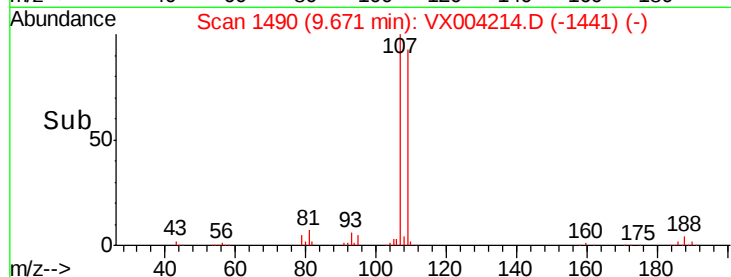
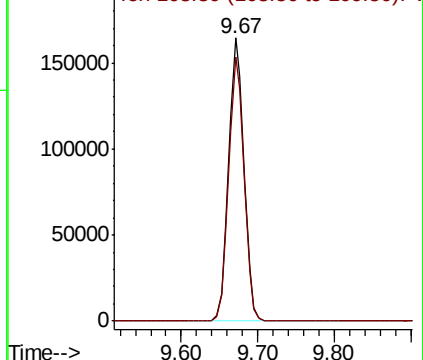
107 100

109 94.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.72 ug/l

RT: 11.13 min Scan# 1730

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

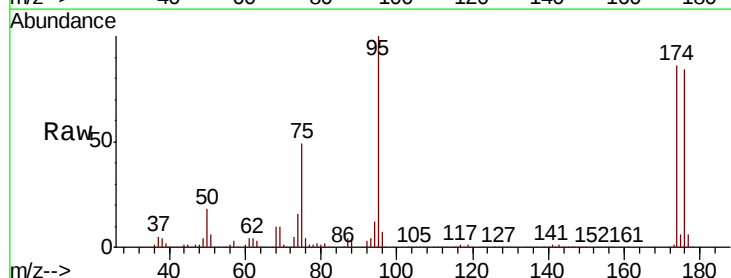
Tgt Ion: 95 Resp: 263808

Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.2

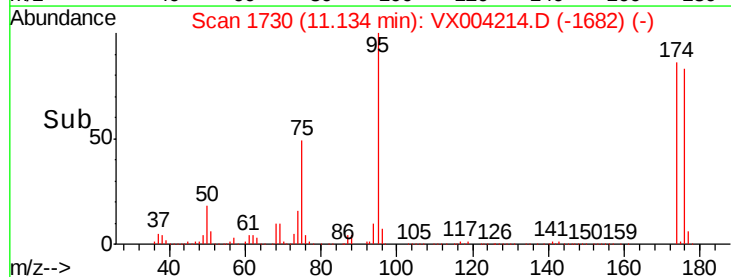
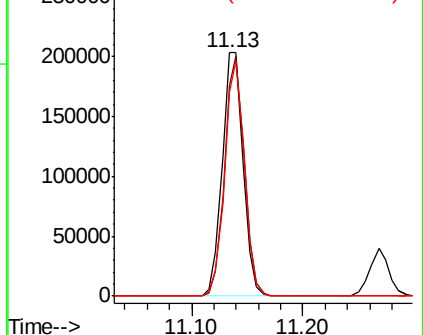
176 90.8 0.0 178.6



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

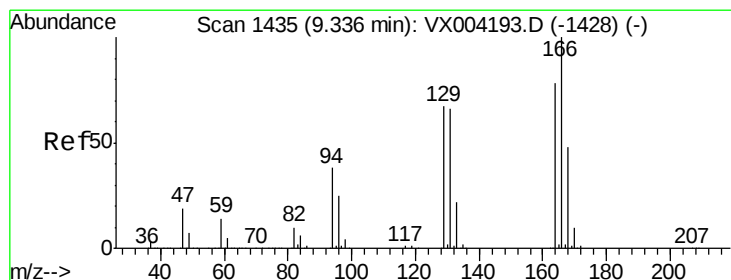
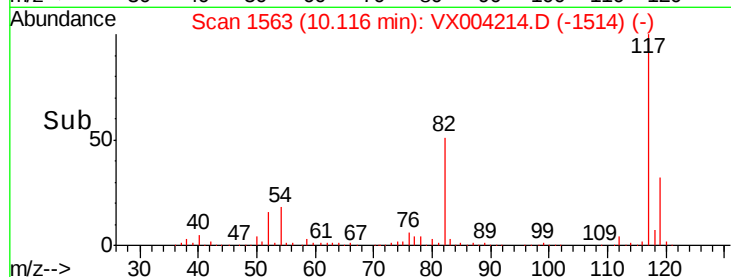
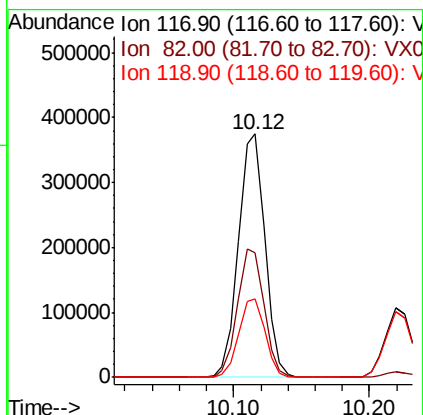
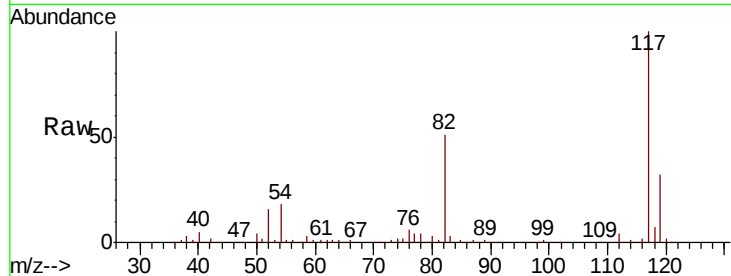




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

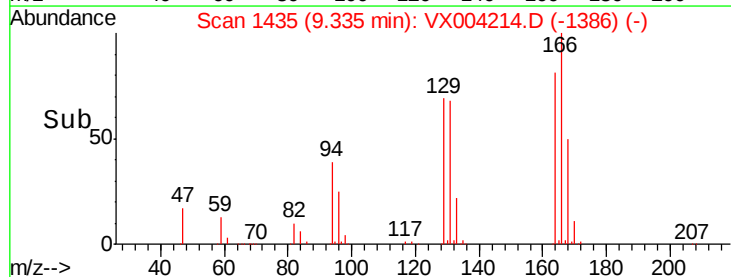
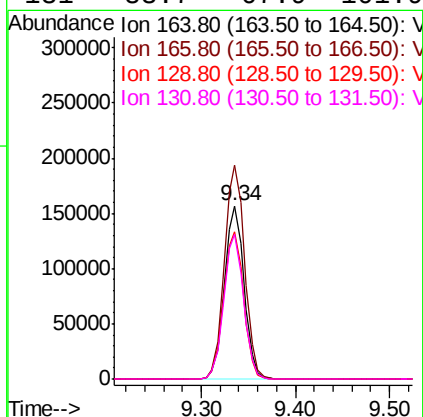
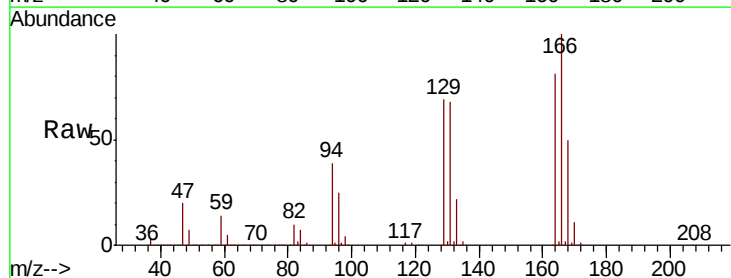
Instrument :
MSVOA_X
ClientSampled :
BFB

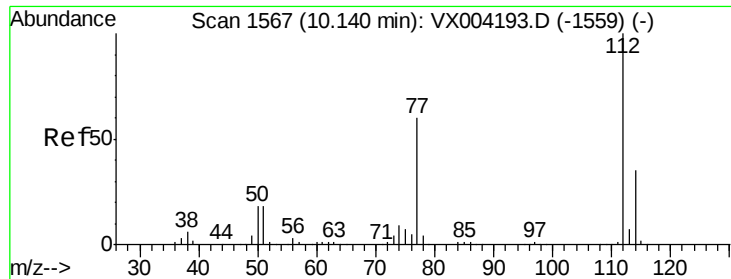
Tot Ion:117 Resp: 509249
Ion Ratio Lower Upper
117 100
82 51.3 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 45.00 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion:164 Resp: 226359
Ion Ratio Lower Upper
164 100
166 123.4 102.8 154.2
129 84.9 69.4 104.0
131 83.7 67.9 101.9





#65

Chlorobenzene

Concen: 48.56 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

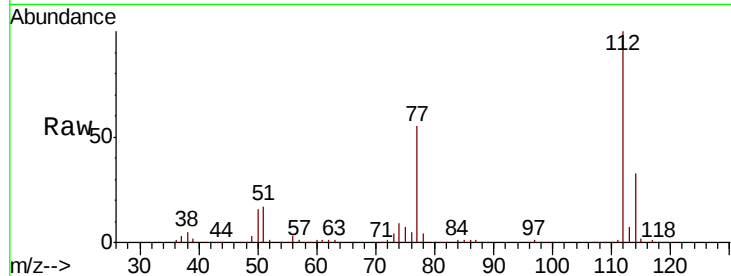
BFB

Tot Ion:112 Resp: 620649

Ion Ratio Lower Upper

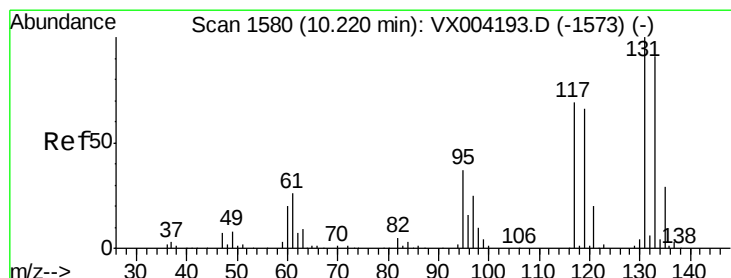
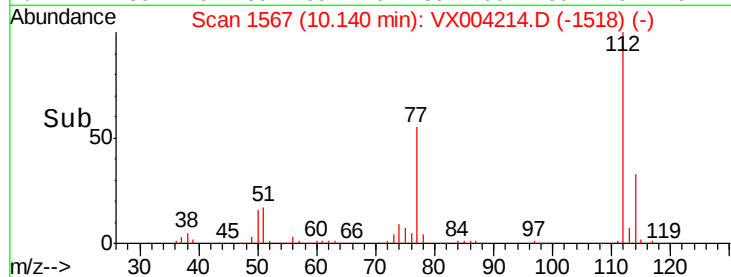
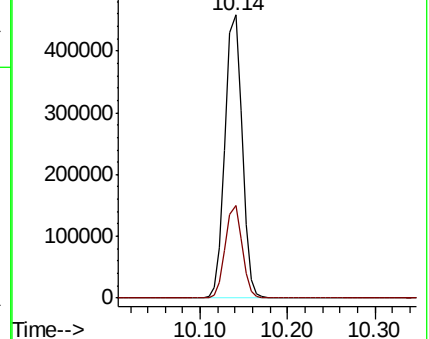
112 100

114 32.7 27.8 41.8



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: 49.13 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

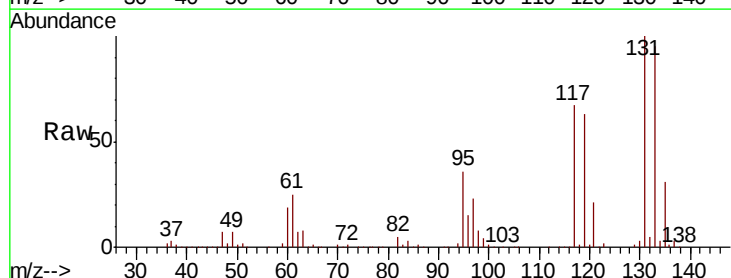
Tgt Ion:131 Resp: 216581

Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.4

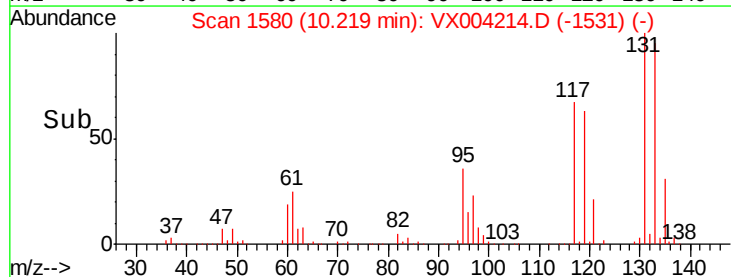
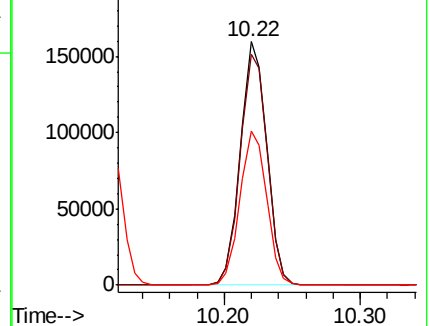
119 64.2 32.9 98.6

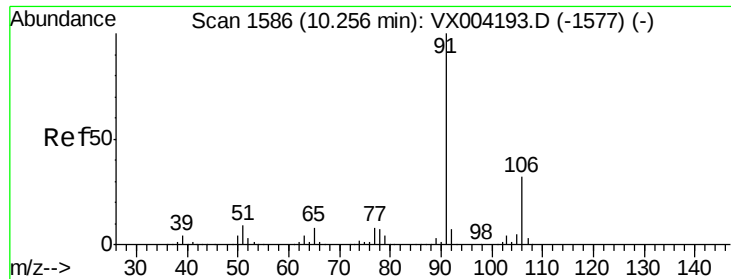


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

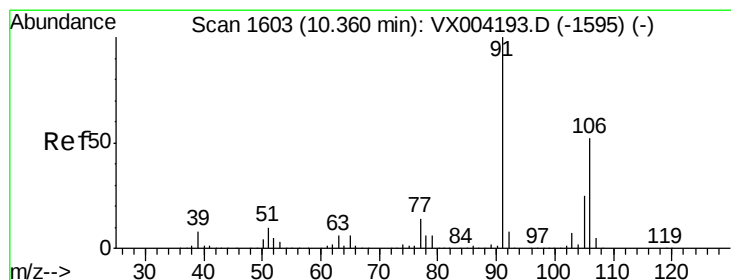
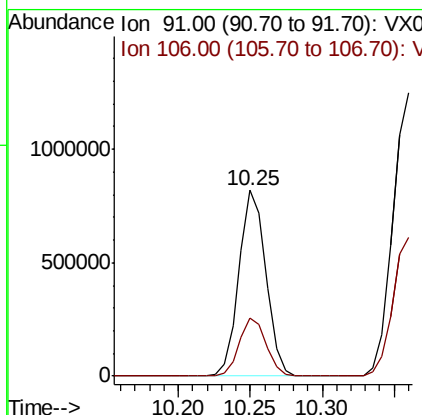
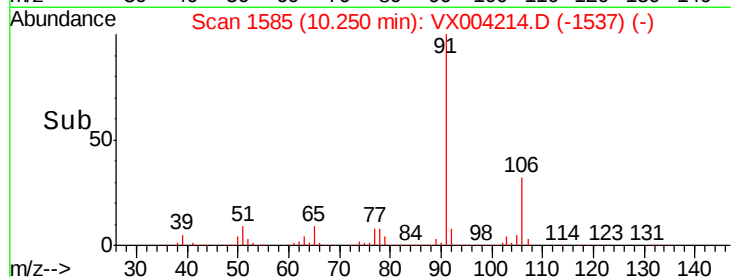
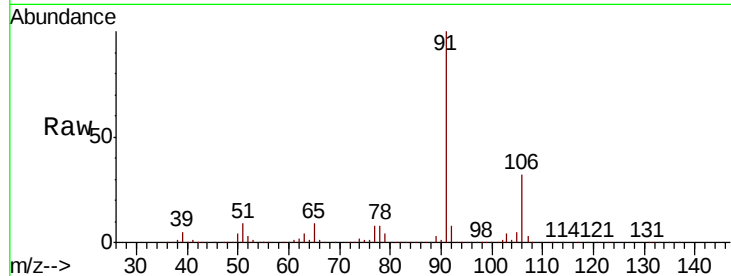




#67
Ethyl Benzene
Concen: 51.28 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

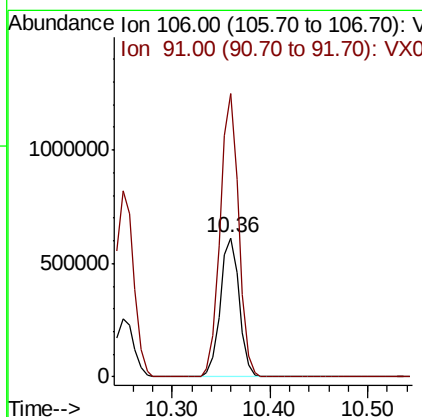
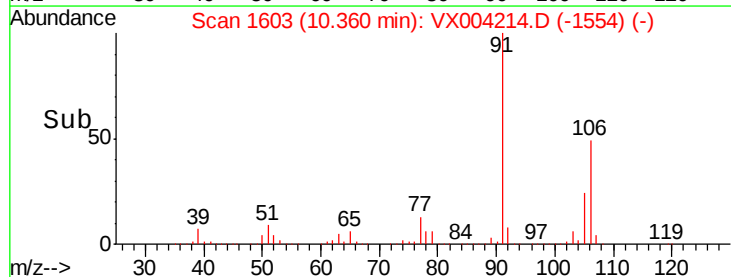
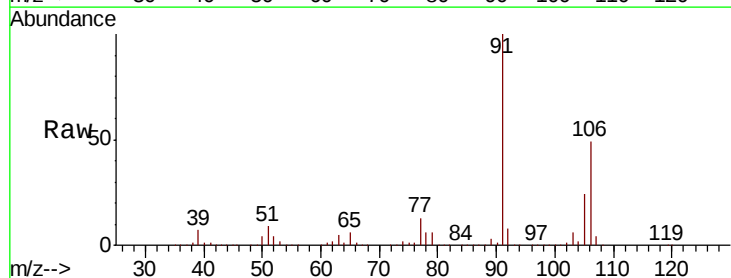
Instrument :
MSVOA_X
ClientSampleId :
BFB

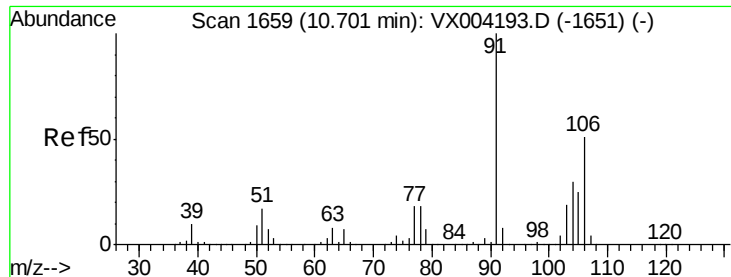
Tot Ion: 91 Resp: 1064458
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 101.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion:106 Resp: 821239
Ion Ratio Lower Upper
106 100
91 199.3 157.1 235.7

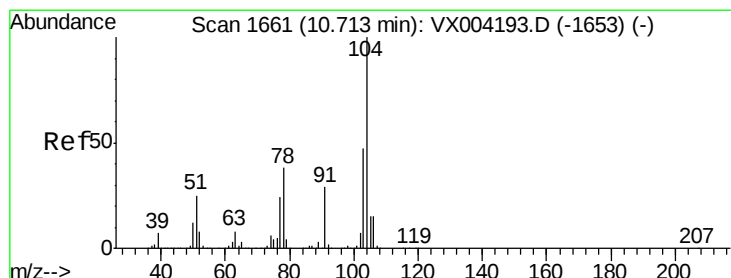
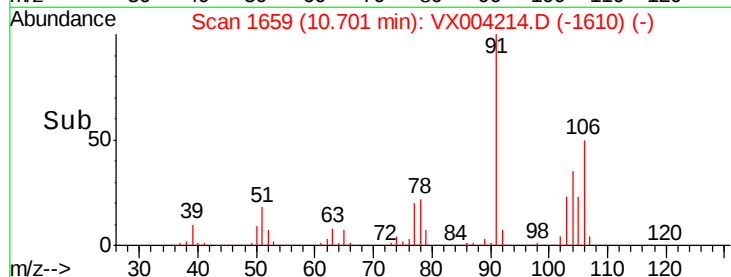
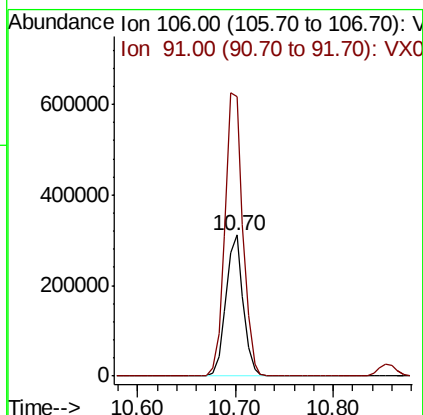
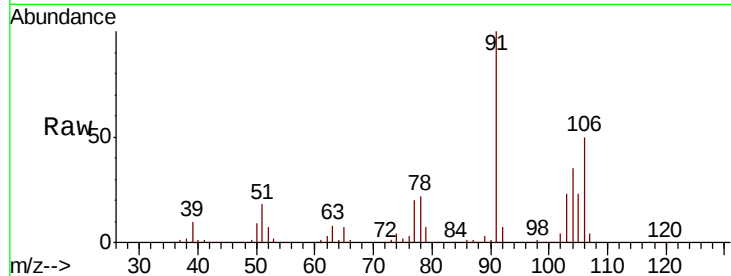




#69
o-Xylene
Concen: 49.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

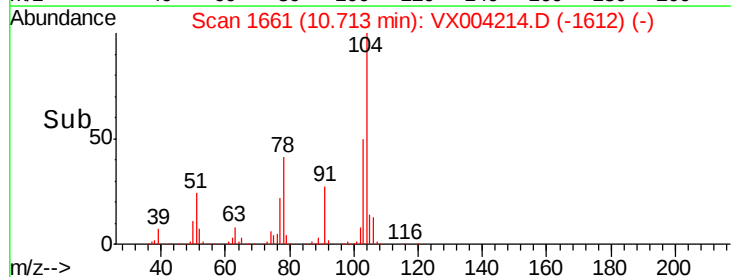
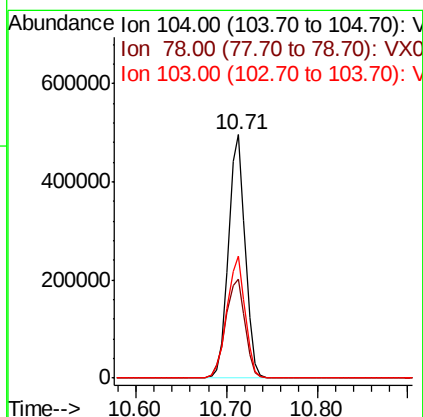
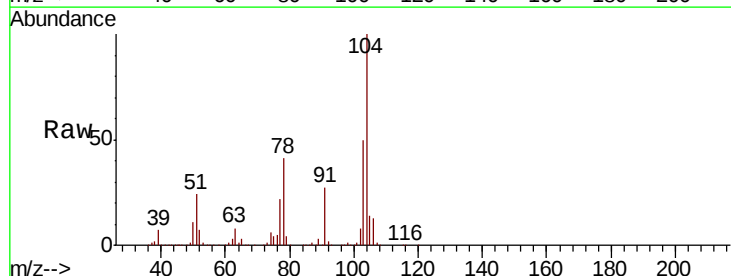
Instrument :
MSVOA_X
ClientSampled :
BFB

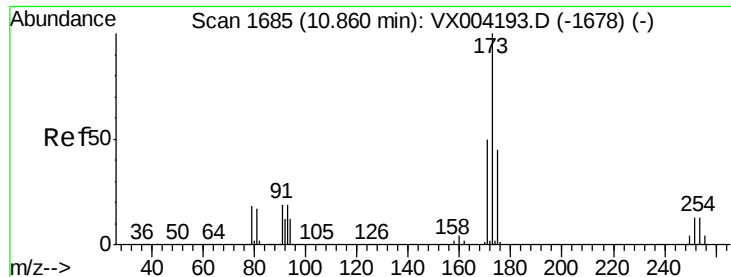
Tot Ion:106 Resp: 379170
Ion Ratio Lower Upper
106 100
91 209.8 105.1 315.1



#70
Styrene
Concen: 50.92 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion:104 Resp: 632927
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 54.6 43.8 65.6





#71

Bromoform

Concen: 46.99 ug/l

RT: 10.85 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

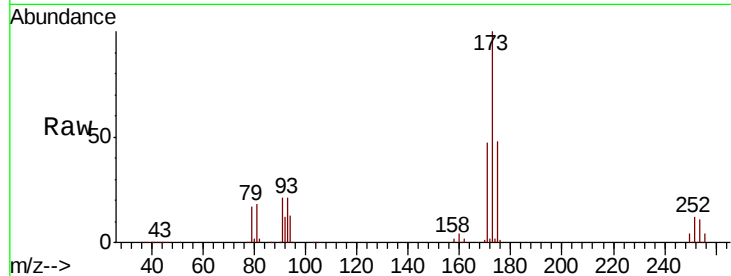
Tot Ion:173 Resp: 166991

Ion Ratio Lower Upper

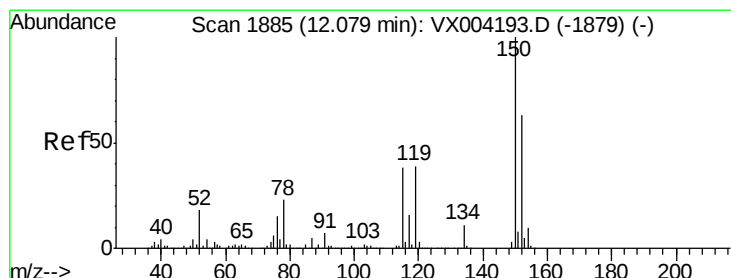
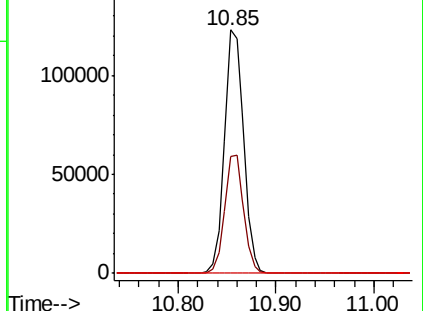
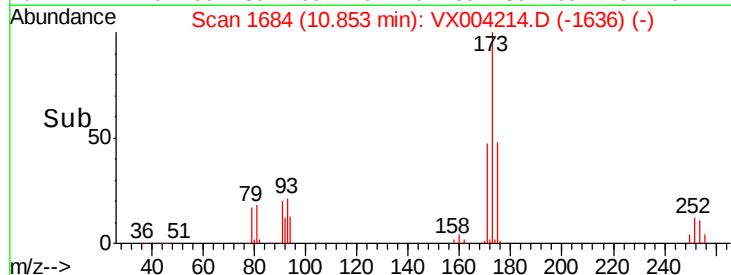
173 100

175 48.1 24.1 72.3

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: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

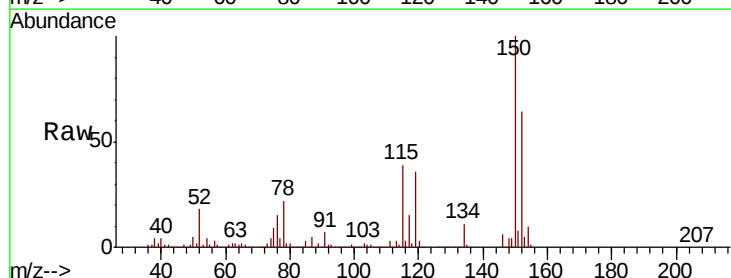
Tgt Ion:152 Resp: 303613

Ion Ratio Lower Upper

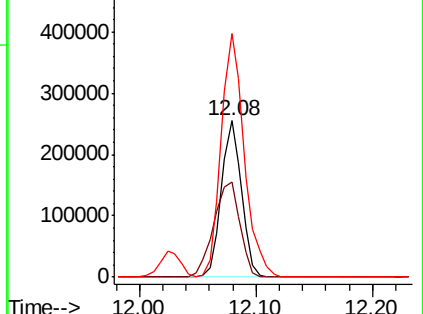
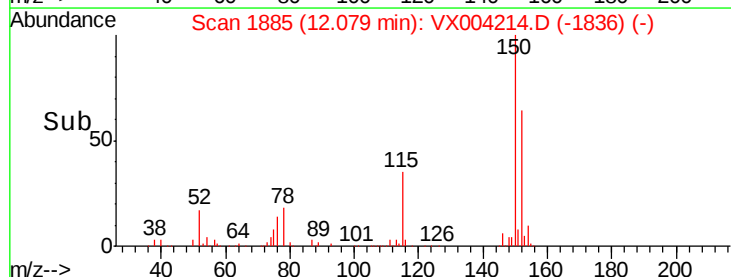
152 100

115 78.7 39.0 117.0

150 178.9 0.0 351.0



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

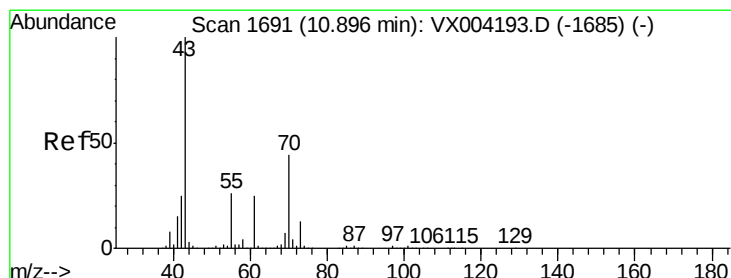
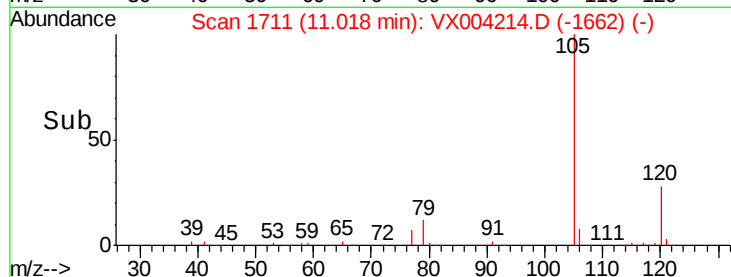
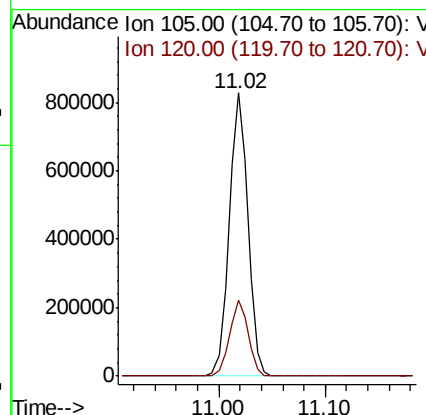
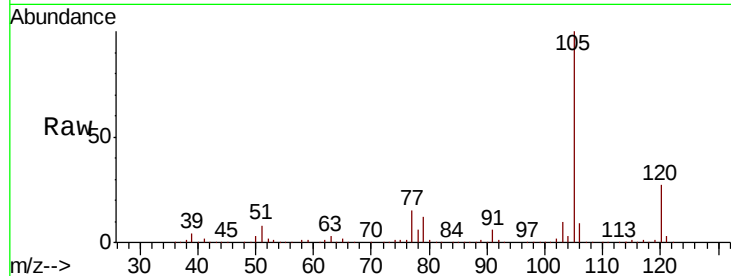




#73
Isopropylbenzene
Concen: 50.87 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

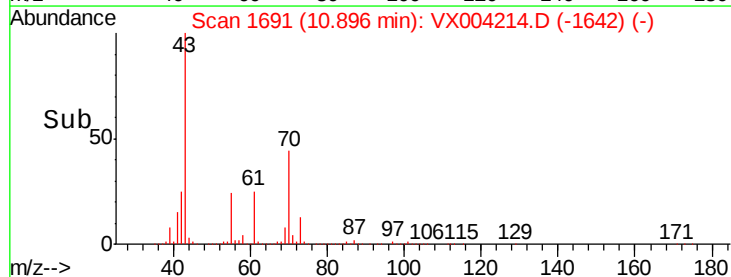
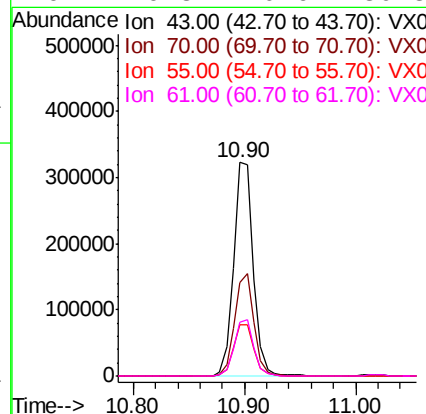
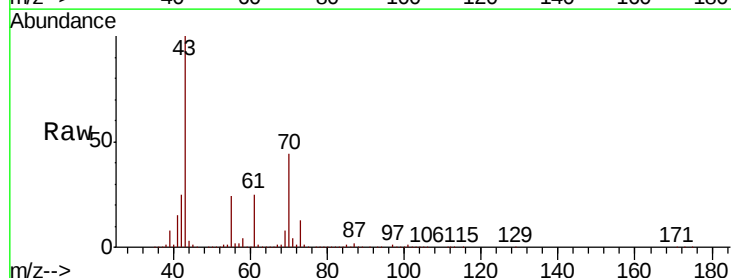
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:105 Resp: 1014311
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 50.95 ug/l
RT: 10.90 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VX004214.D
Acq: 23 Aug 2018 09:13

Tgt Ion: 43 Resp: 391173
Ion Ratio Lower Upper
43 100
70 47.1 37.4 56.0
55 25.4 21.8 32.8
61 26.3 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.74 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

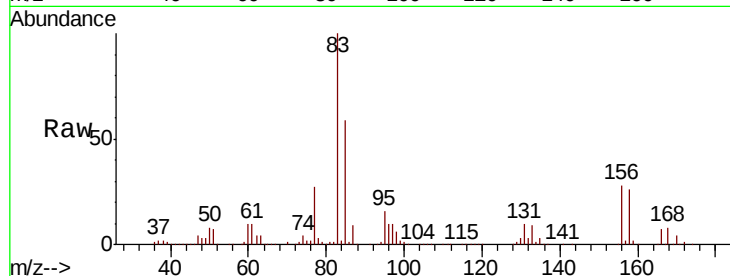
Tot Ion: 83 Resp: 312210

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

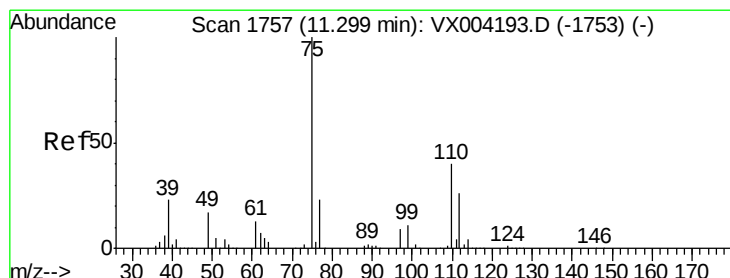
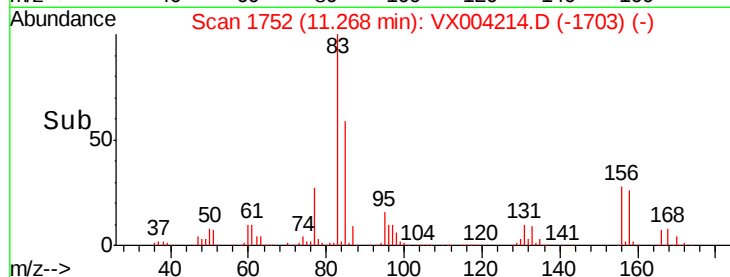
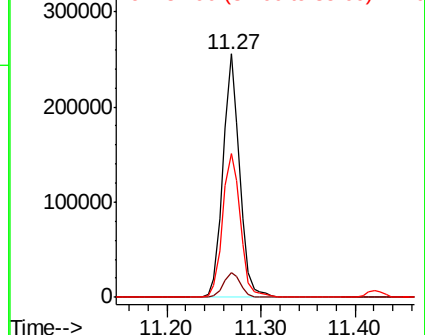
85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.97 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004214.D

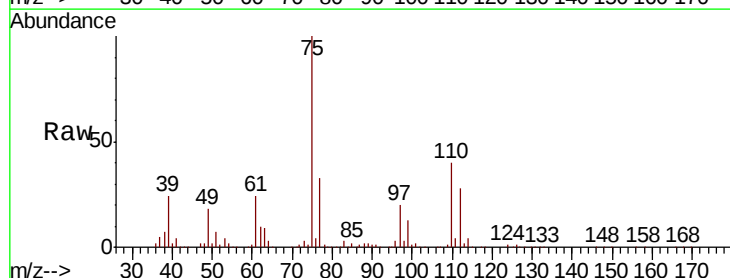
Acq: 23 Aug 2018 09:13

Tgt Ion: 75 Resp: 364130

Ion Ratio Lower Upper

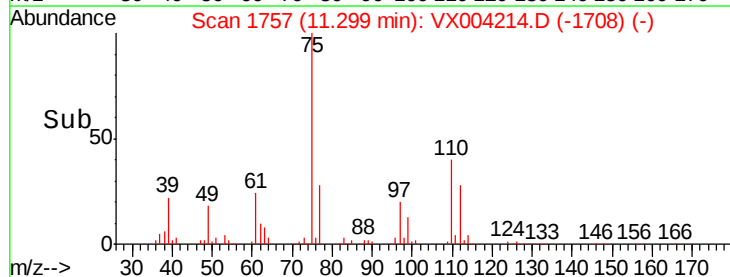
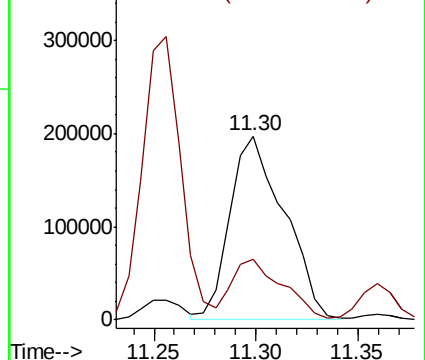
75 100

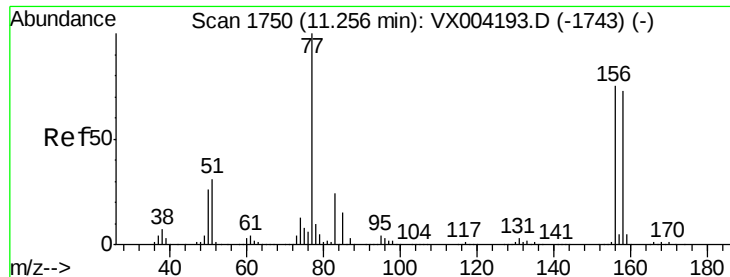
77 31.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.86 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

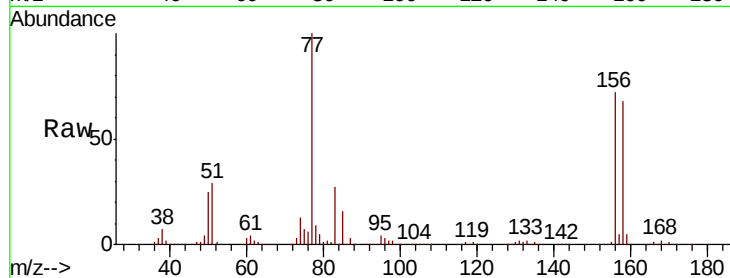
Tot Ion:156 Resp: 273305

Ion Ratio Lower Upper

156 100

77 146.2 71.5 214.3

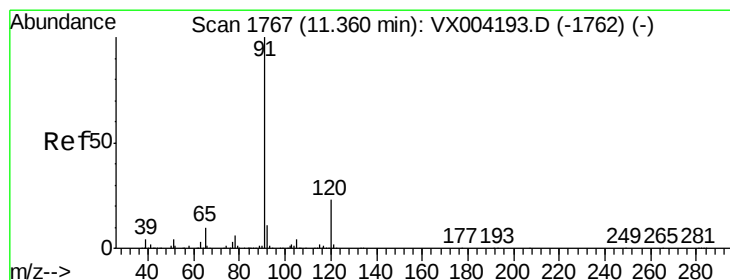
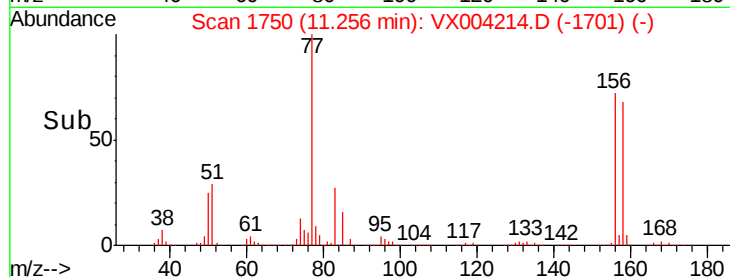
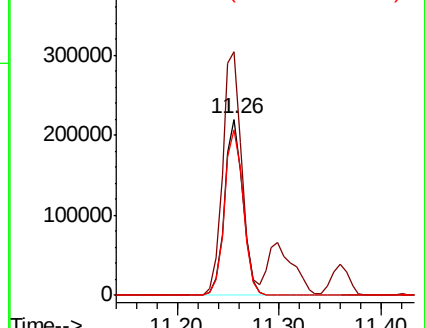
158 96.9 48.9 146.8



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: 51.32 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004214.D

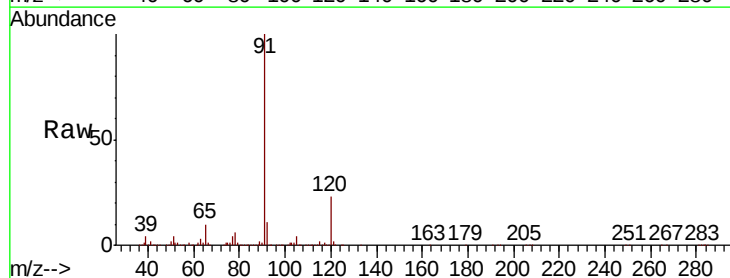
Acq: 23 Aug 2018 09:13

Tgt Ion: 91 Resp: 1177102

Ion Ratio Lower Upper

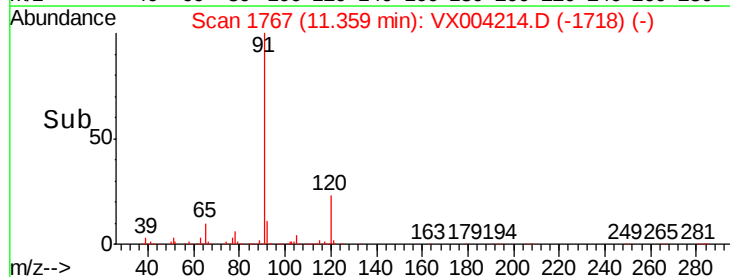
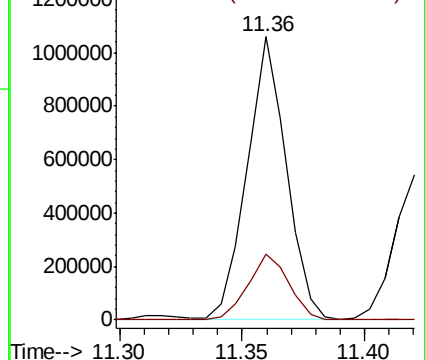
91 100

120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

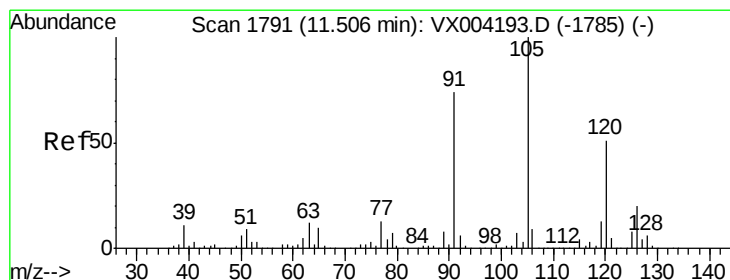
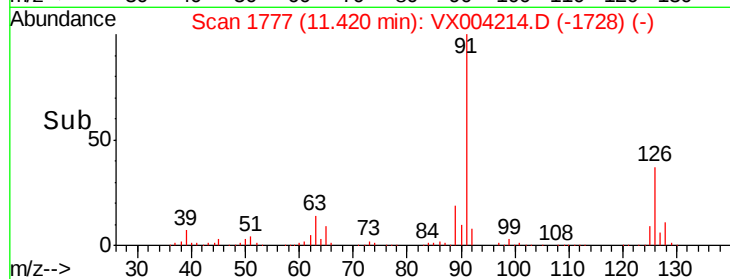
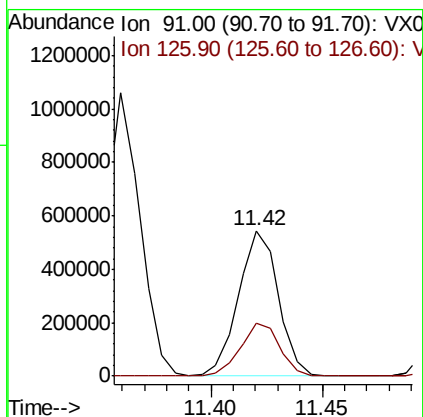
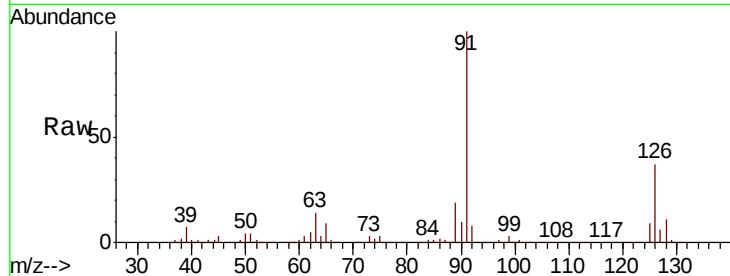




#79
 2-Chlorotoluene
 Concen: 48.17 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

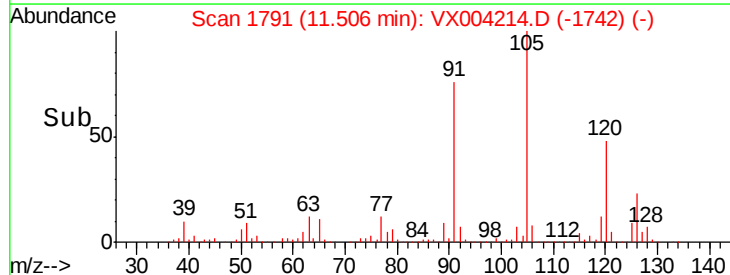
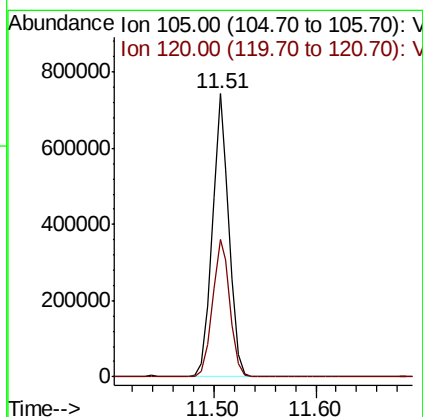
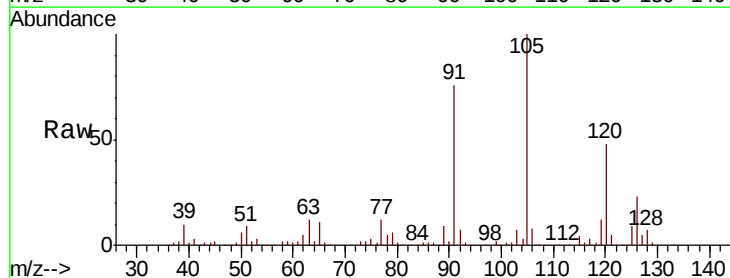
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tot Ion: 91 Resp: 680054
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.15 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 105 Resp: 844636
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.69 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

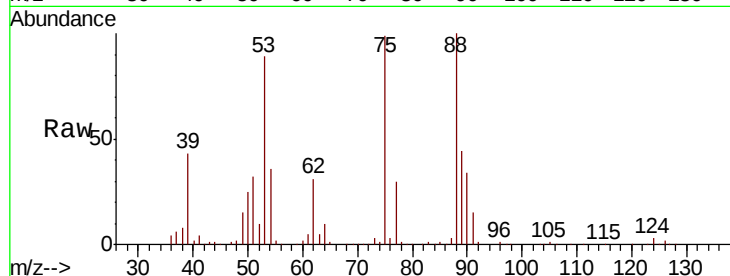
Tot Ion: 75 Resp: 98379

Ion Ratio Lower Upper

75 100

53 97.1 80.1 120.1

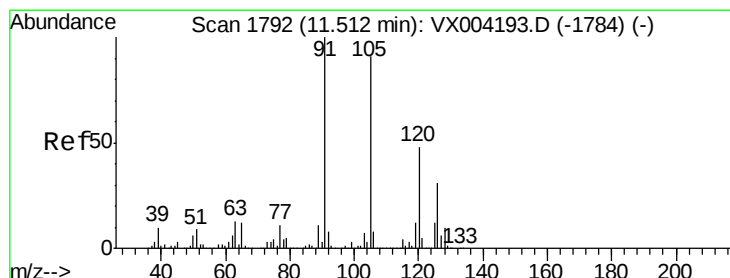
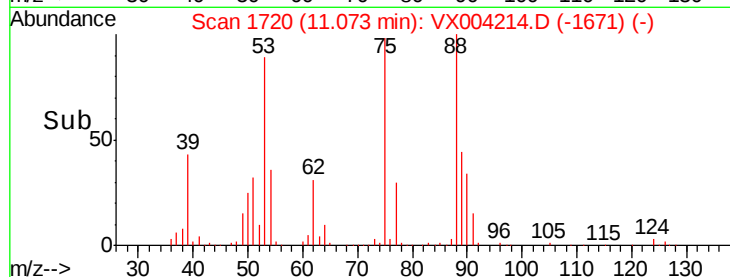
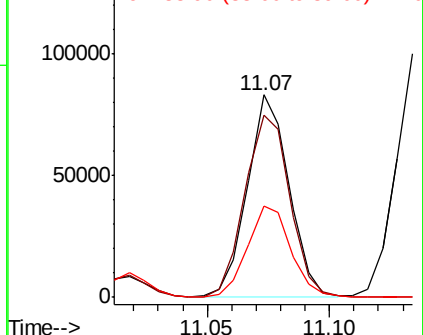
89 47.5 37.2 55.8



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: 48.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004214.D

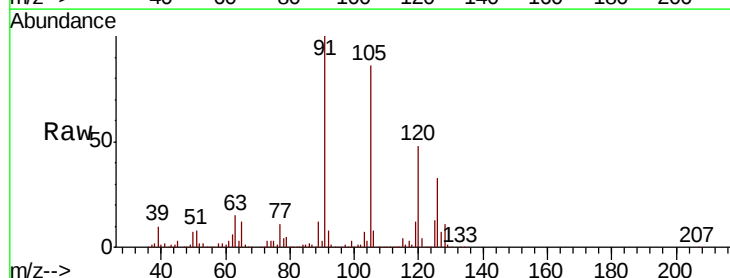
Acq: 23 Aug 2018 09:13

Tgt Ion: 91 Resp: 806236

Ion Ratio Lower Upper

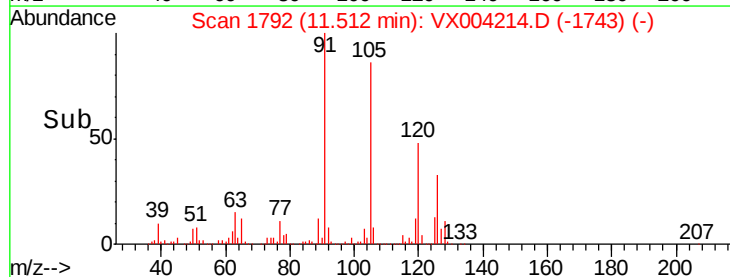
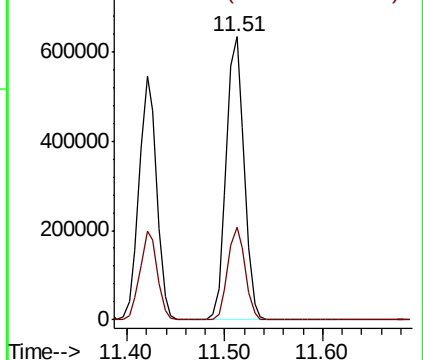
91 100

126 31.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

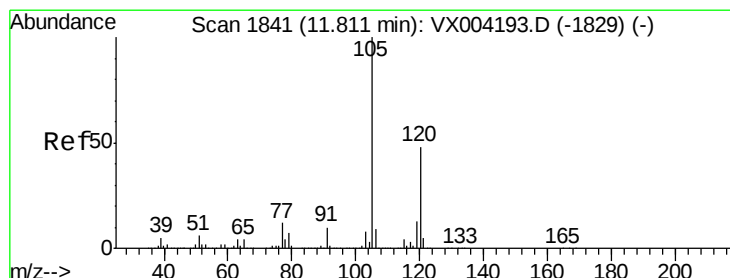
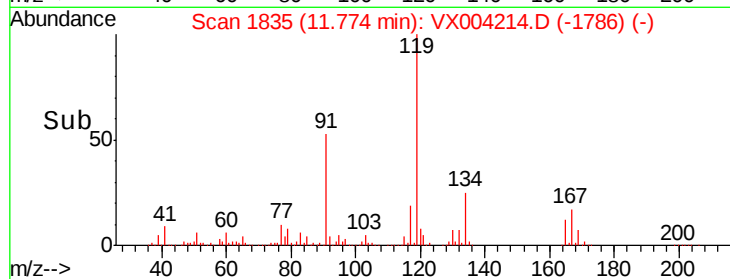
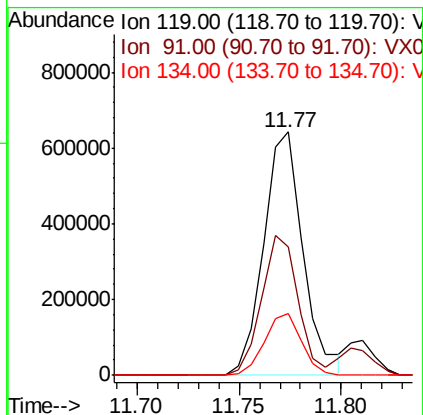
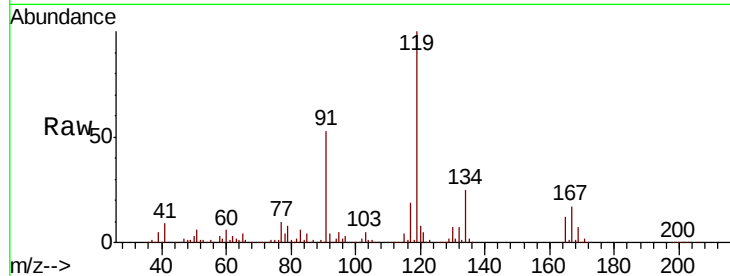




#83
 tert-Butylbenzene
 Concen: 52.19 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

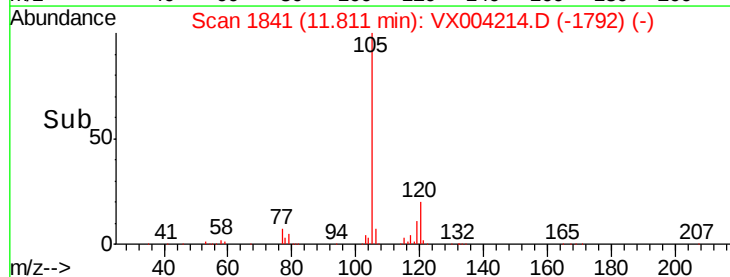
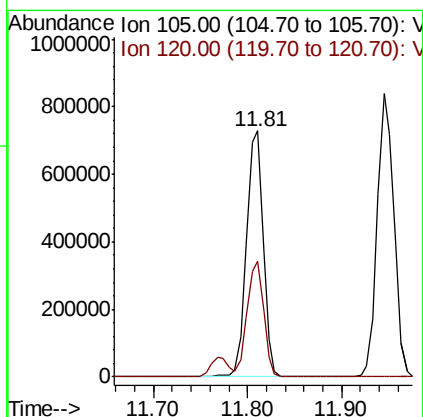
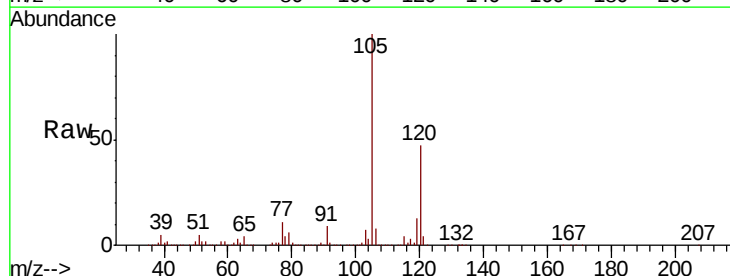
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion:119 Resp: 867157
 Ion Ratio Lower Upper
 119 100
 91 53.4 27.0 81.0
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion:105 Resp: 904683
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6

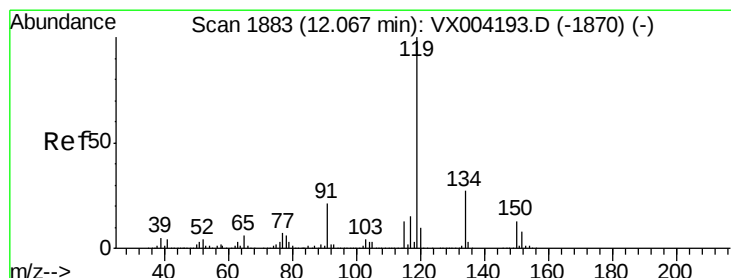
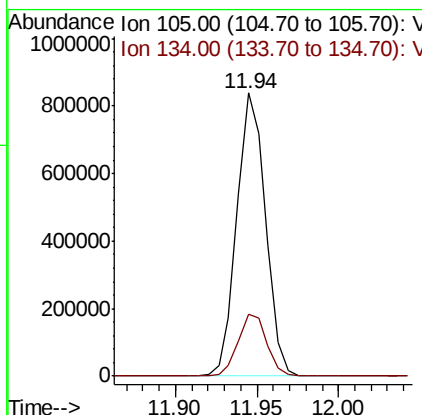
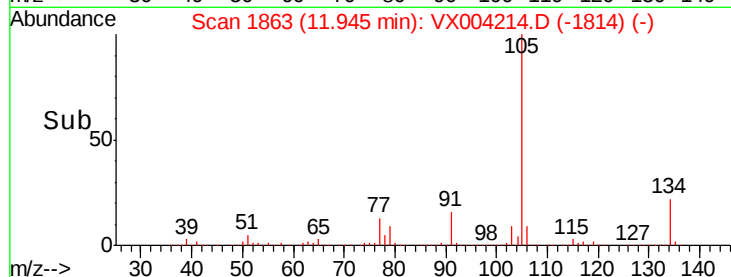
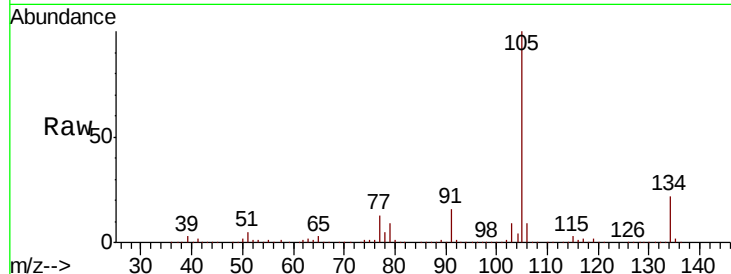




#85
 sec-Butylbenzene
 Concen: 52.15 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

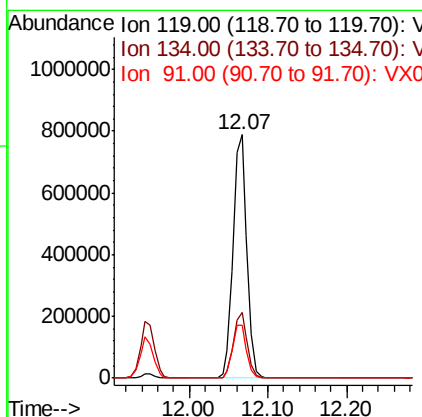
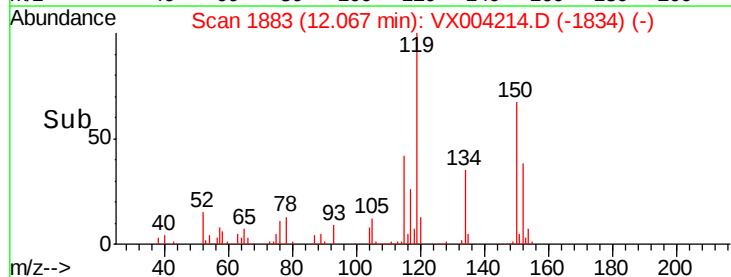
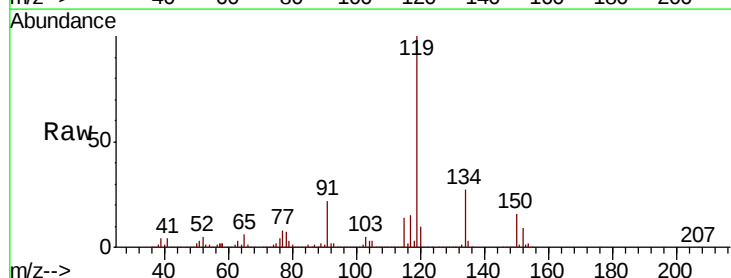
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

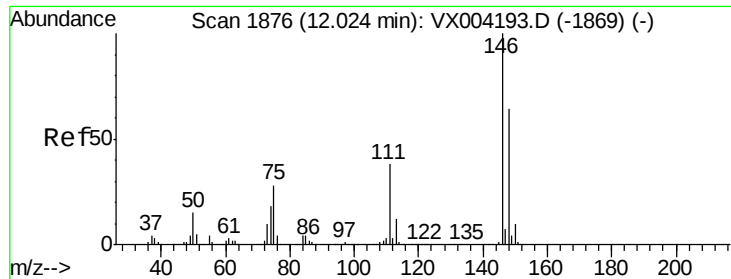
Tot Ion:105 Resp: 1028621
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 54.07 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion:119 Resp: 955806
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.3 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 48.40 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

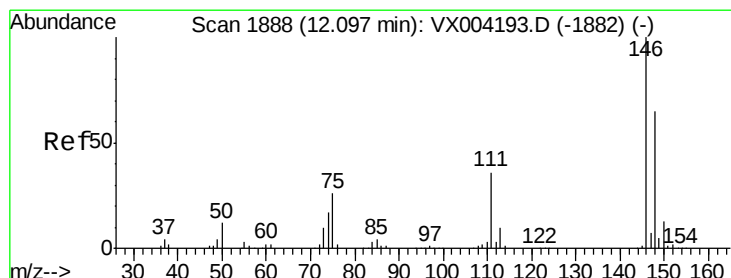
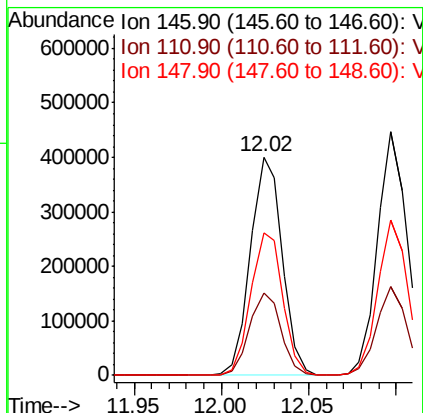
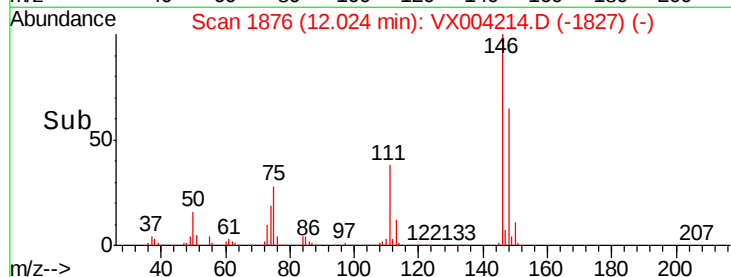
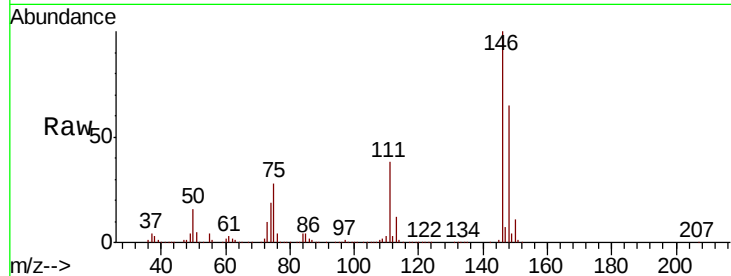
Tot Ion:146 Resp: 509766

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

148 65.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 47.43 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

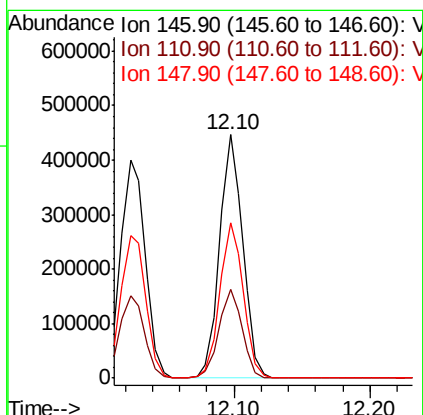
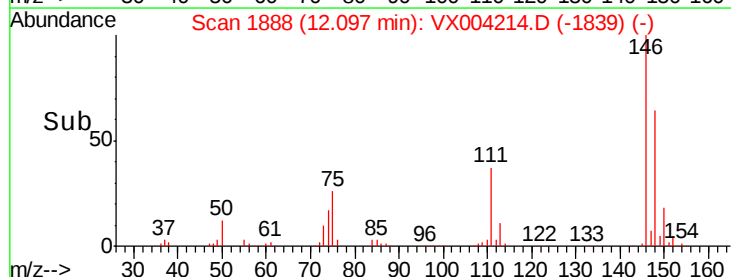
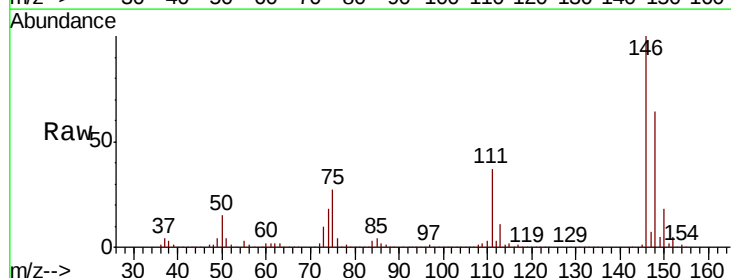
Tgt Ion:146 Resp: 526718

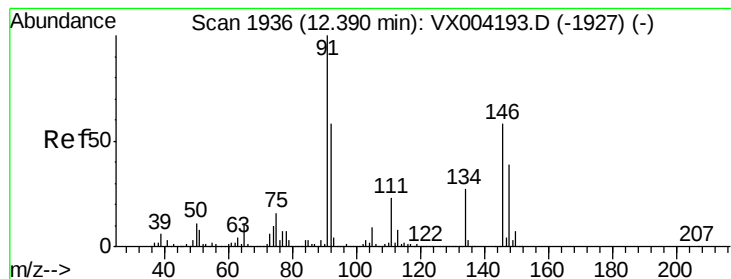
Ion Ratio Lower Upper

146 100

111 36.9 18.1 54.1

148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 59.65 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

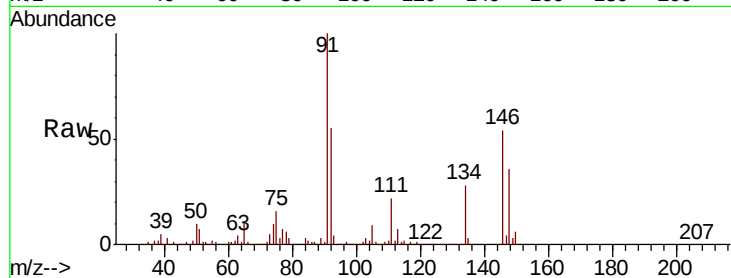
Tot Ion: 91 Resp: 857486

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

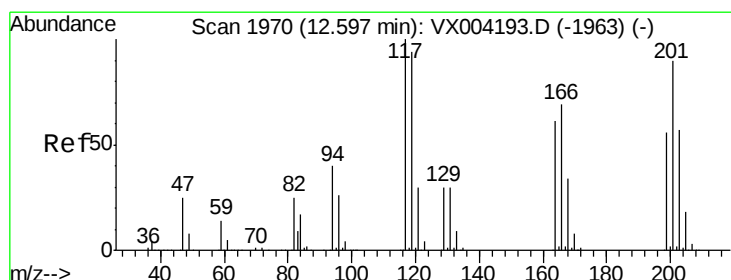
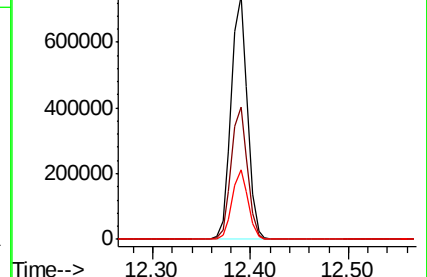
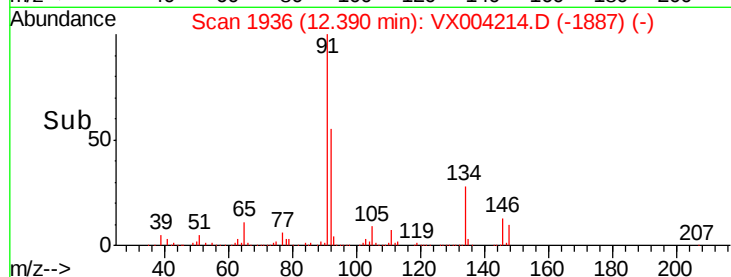
134 28.0 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004214.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX004214.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX004214.D (-1887) (-)



#90

Hexachloroethane

Concen: 56.65 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004214.D

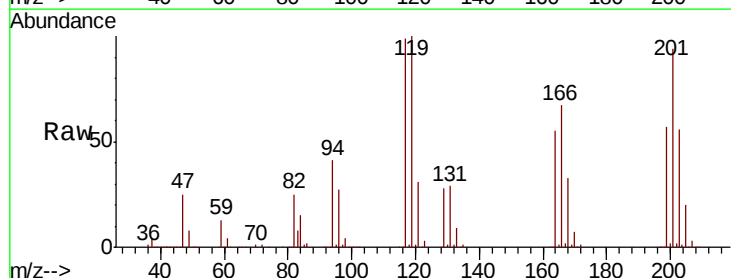
Acq: 23 Aug 2018 09:13

Tgt Ion: 117 Resp: 139977

Ion Ratio Lower Upper

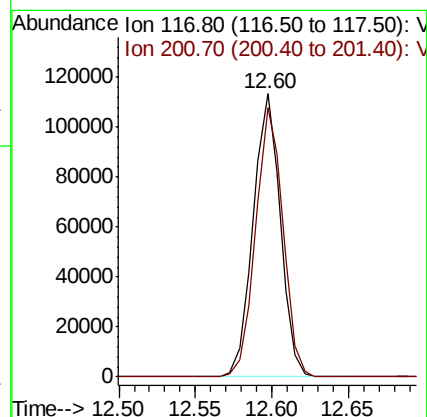
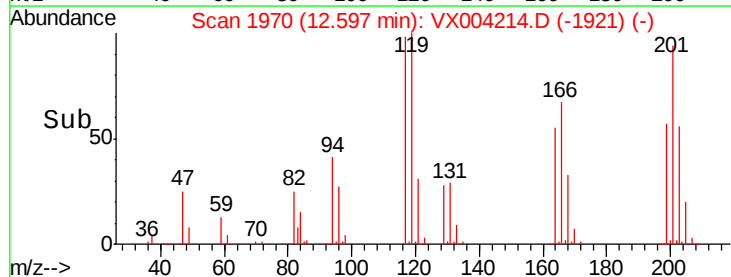
117 100

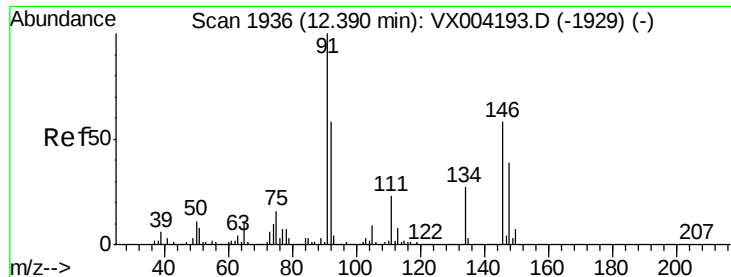
201 95.7 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX004214.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX004214.D (-1921) (-)

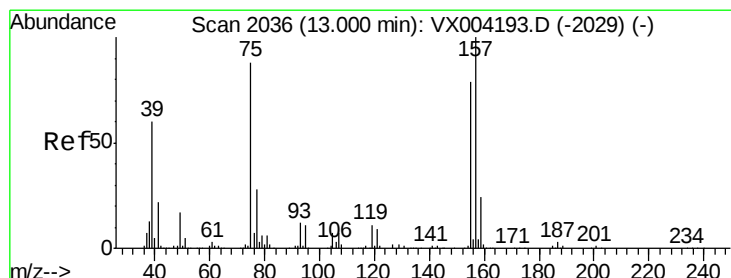
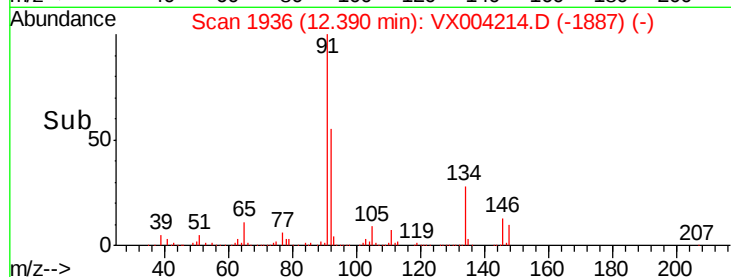
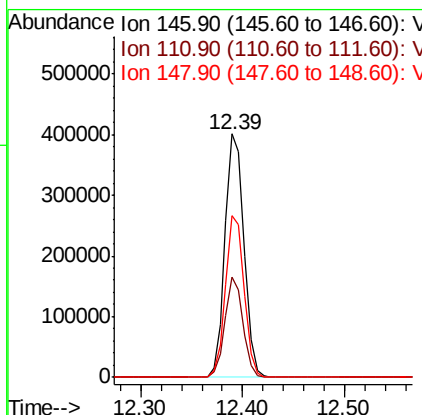
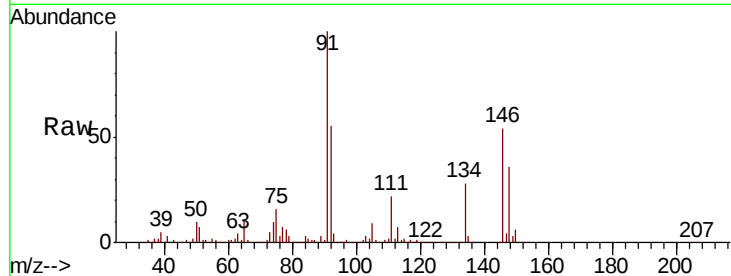




#91
 1,2-Dichlorobenzene
 Concen: 53.71 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

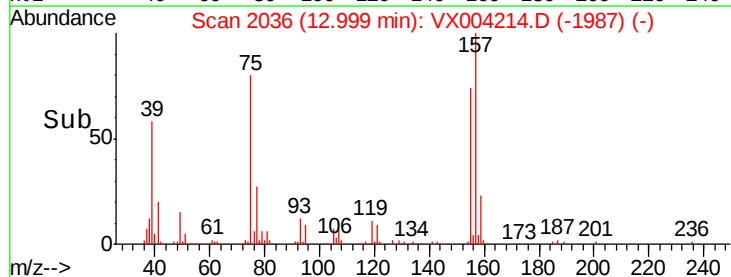
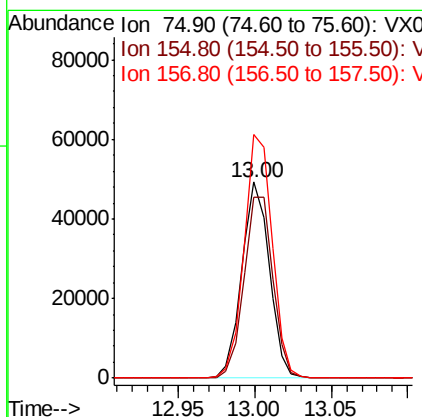
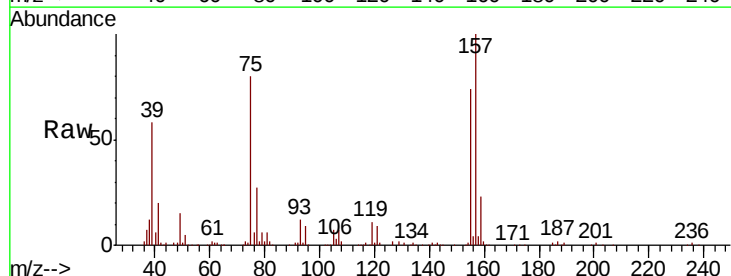
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

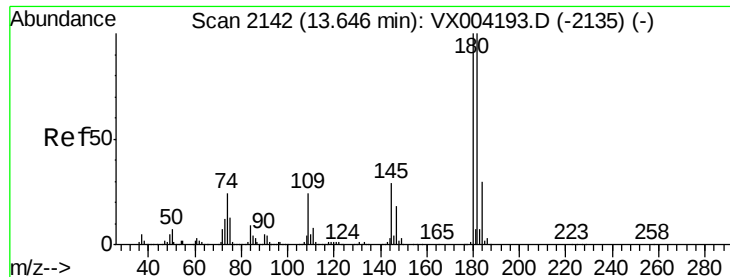
Tot Ion:146 Resp: 517026
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 64.9 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.06 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion: 75 Resp: 61524
 Ion Ratio Lower Upper
 75 100
 155 97.0 48.0 144.2
 157 126.5 61.4 184.1

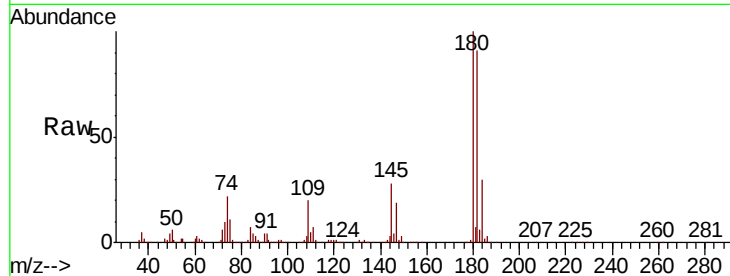




#93
 1,2,4-Trichlorobenzene
 Concen: 51.87 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.4	145.0
145	27.1	14.3	42.9

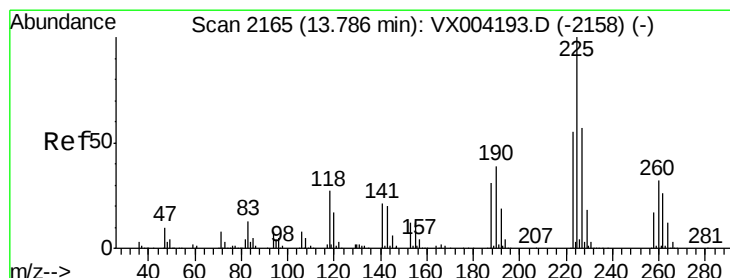
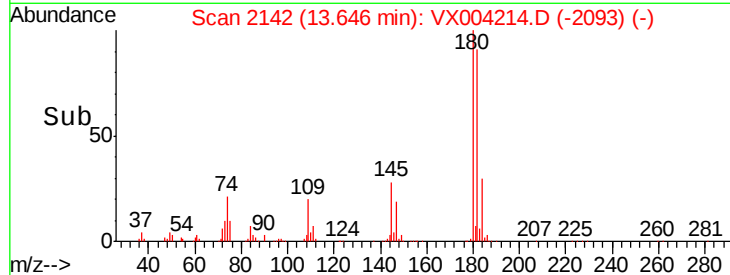
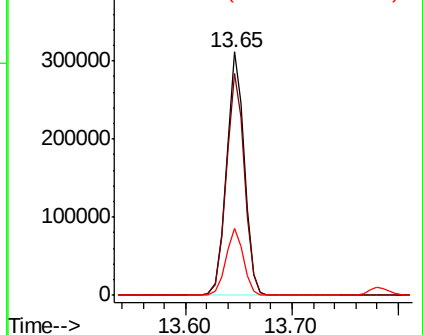


Abundance

Ion 179.80 (179.50 to 180.50): V

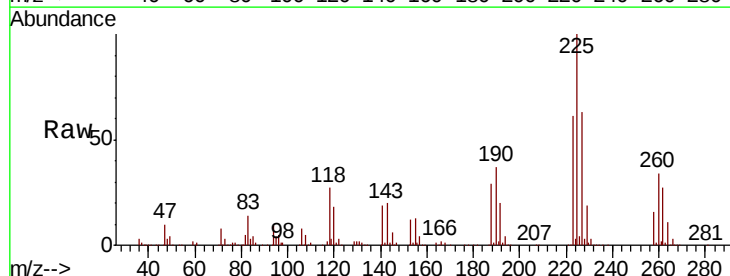
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004214.D
 Acq: 23 Aug 2018 09:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.1	90.5
227	64.5	30.8	92.4

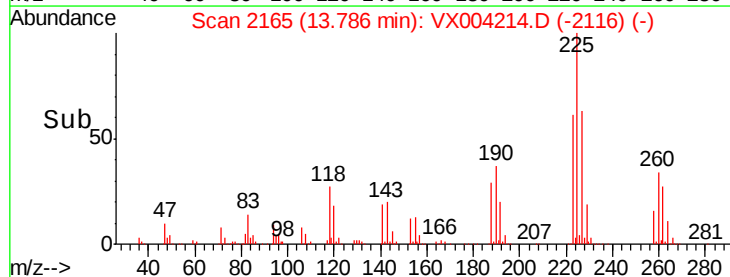
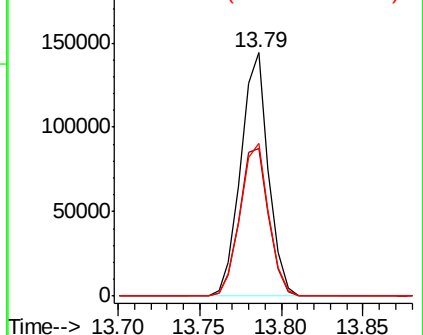


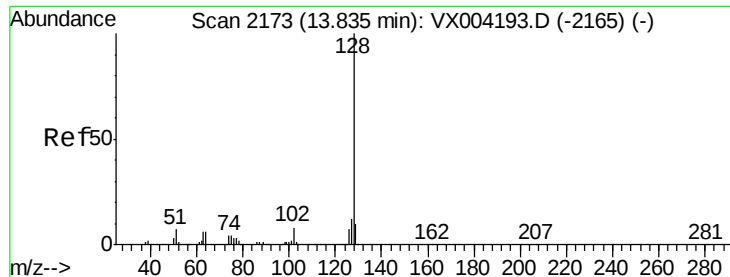
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.56 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

Instrument :

MSVOA_X

ClientSampled :

BFB

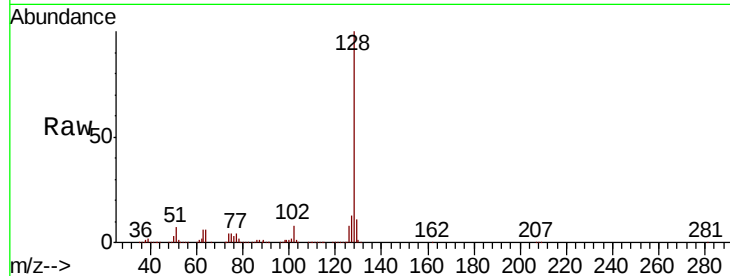
Tot Ion:128 Resp: 1080673

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.0 8.6 12.8

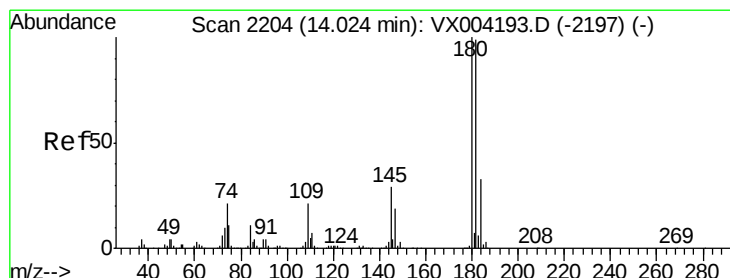
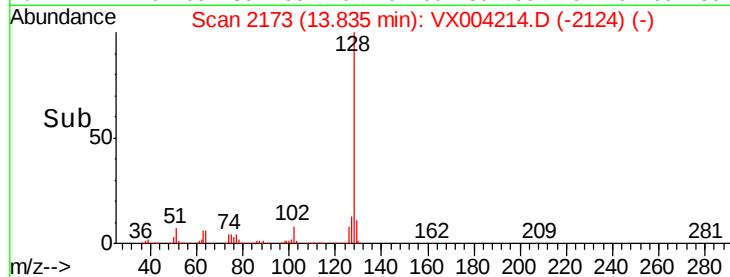
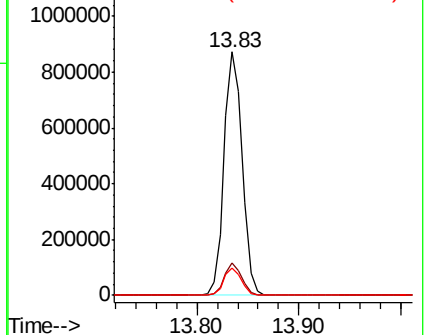


Abundance

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: 51.11 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004214.D

Acq: 23 Aug 2018 09:13

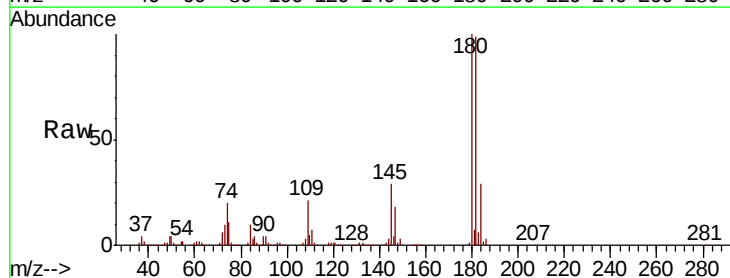
Tgt Ion:180 Resp: 378943

Ion Ratio Lower Upper

180 100

182 97.7 48.5 145.6

145 29.8 14.9 44.9



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

