

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004046.D
 Acq On : 14 Aug 2018 23:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Aug 15 08:51:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	455999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270768	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	222294	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
35) Dibromofluoromethane	5.50	113	183103	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	
50) Toluene-d8	8.72	98	716276	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.14	95	264725	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	150563	50.787	ug/l	100
3) Chloromethane	1.32	50	176792	48.596	ug/l	99
4) Vinyl Chloride	1.40	62	195473	49.660	ug/l	100
5) Bromomethane	1.64	94	104759	52.528	ug/l	99
6) Chloroethane	1.72	64	143950	55.804	ug/l	99
7) Trichlorofluoromethane	1.93	101	270040	48.905	ug/l	95
8) Diethyl Ether	2.18	74	117760	48.851	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	166408	48.309	ug/l	99
10) Methyl Iodide	2.51	142	165524	45.493	ug/l	99
11) Tert butyl alcohol	3.04	59	217187	251.351	ug/l	99
12) 1,1-Dichloroethene	2.37	96	156583	48.875	ug/l	95
13) Acrolein	2.29	56	137443	235.127	ug/l	99
14) Allyl chloride	2.73	41	292691	48.013	ug/l	97
15) Acrylonitrile	3.14	53	548764	254.718	ug/l	100
16) Acetone	2.44	43	552305	247.567	ug/l	100
17) Carbon Disulfide	2.57	76	440888	48.518	ug/l	99
18) Methyl Acetate	2.77	43	246522	49.726	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	581623	51.528	ug/l	98
20) Methylene Chloride	2.86	84	188225	51.640	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	178663	49.103	ug/l	99
22) Diisopropyl ether	3.87	45	583019	48.808	ug/l	97
23) Vinyl Acetate	3.82	43	2591691	264.157	ug/l	99
24) 1,1-Dichloroethane	3.70	63	347002	51.287	ug/l	99
25) 2-Butanone	4.70	43	903013	248.772	ug/l	99
26) 2,2-Dichloropropane	4.59	77	204900	38.091	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	200503	49.005	ug/l	97
28) Bromochloromethane	5.03	49	157945	50.881	ug/l	99
29) Tetrahydrofuran	5.15	42	460302	248.201	ug/l	99
30) Chloroform	5.21	83	334755	50.695	ug/l	98
31) Cyclohexane	5.57	56	284384	47.946	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	281627	51.038	ug/l	99
36) 1,1-Dichloropropene	5.80	75	248316	47.855	ug/l	100
37) Ethyl Acetate	4.85	43	276635	48.956	ug/l	99
38) Carbon Tetrachloride	5.79	117	248220	49.236	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	290095	49.280	ug/l	99
40) Benzene	6.15	78	769377	49.379	ug/l	100
41) Methacrylonitrile	5.06	41	148934	47.062	ug/l	99
42) 1,2-Dichloroethane	6.20	62	267111	48.975	ug/l	100
43) Isopropyl Acetate	6.46	43	427662	51.346	ug/l	100
44) Trichloroethene	7.21	130	204728	48.400	ug/l	97
45) 1,2-Dichloropropane	7.52	63	199939	50.126	ug/l	99
46) Dibromomethane	7.67	93	129822	49.804	ug/l	99
47) Bromodichloromethane	7.90	83	251116	50.866	ug/l	98
48) Methyl methacrylate	7.78	41	222630	53.099	ug/l	98
49) 1,4-Dioxane	7.76	88	98653	1045.086	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1812057	265.333	ug/l	100
52) Toluene	8.79	92	496900	50.426	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	271811	50.965	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	297023	50.289	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	201646	49.553	ug/l	99
56) Ethyl methacrylate	9.18	69	297463	53.756	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341923	50.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	771253	273.713	ug/l	99
59) 2-Hexanone	9.50	43	1383827	269.235	ug/l	100
60) Dibromochloromethane	9.59	129	202303	51.660	ug/l	99
61) 1,2-Dibromoethane	9.68	107	210911	50.842	ug/l	100
64) Tetrachloroethene	9.34	164	205032	50.464	ug/l	93
65) Chlorobenzene	10.14	112	529676	47.834	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	194946	51.618	ug/l	98
67) Ethyl Benzene	10.26	91	913049	52.071	ug/l	97
68) m/p-Xylenes	10.36	106	717939	104.558	ug/l	98
69) o-Xylene	10.70	106	345599	52.666	ug/l	96
70) Styrene	10.71	104	589929	53.418	ug/l	98
71) Bromoform	10.86	173	156293	52.188	ug/l	99
73) Isopropylbenzene	11.02	105	953306	52.026	ug/l	97
74) N-amyl acetate	6.46	43	427662	49.621	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	312241	48.796	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	347047	63.912	ug/l	86
77) Bromobenzene	11.26	156	250570	49.606	ug/l	98
78) n-propylbenzene	11.36	91	1077656	52.553	ug/l	99
79) 2-Chlorotoluene	11.42	91	612173	48.987	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	756534	50.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	83154	47.404	ug/l	98
82) 4-Chlorotoluene	11.51	91	721162	48.820	ug/l	100
83) tert-Butylbenzene	11.77	119	783654	51.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	794712	51.142	ug/l	98
85) sec-Butylbenzene	11.94	105	931003	52.583	ug/l	99
86) p-Isopropyltoluene	12.07	119	842042	52.533	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	465571	48.327	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459714	46.365	ug/l	99
89) n-Butylbenzene	12.39	91	681582	53.964	ug/l	98
90) Hexachloroethane	12.60	117	116655	48.641	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	435392	50.112	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56451	50.195	ug/l	99

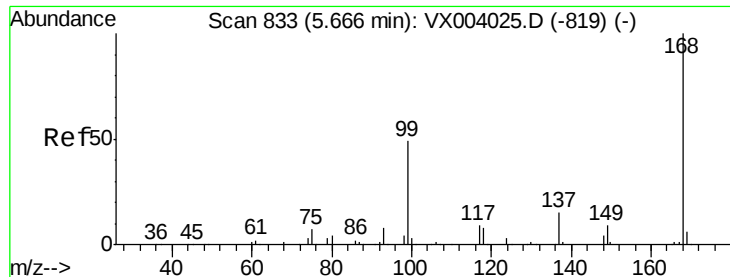
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	302243	50.890	ug/l	98
94) Hexachlorobutadiene	13.79	225	138745	46.604	ug/l	98
95) Naphthalene	13.83	128	957219	50.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316810	48.920	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

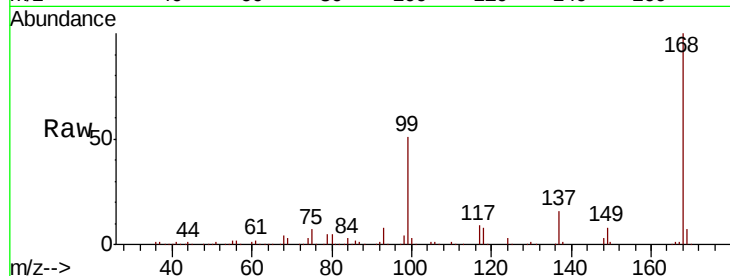
BFB

Tgt Ion:168 Resp: 304546

Ion Ratio Lower Upper

168 100

99 51.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

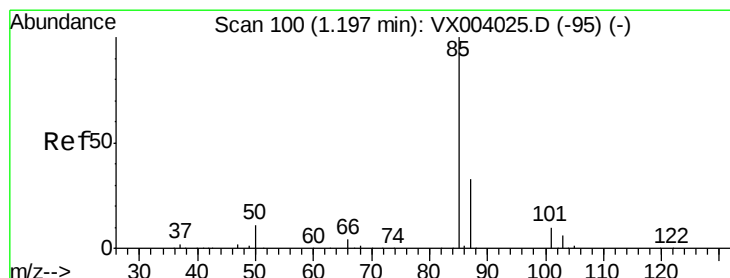
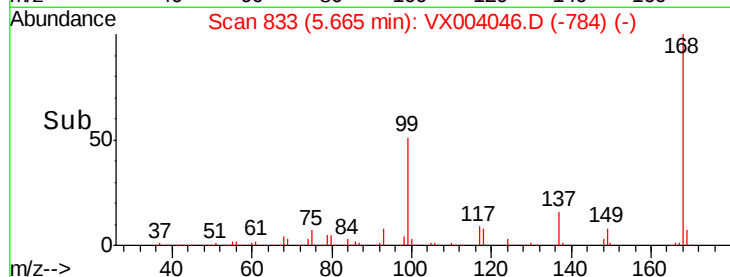
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.787 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004046.D

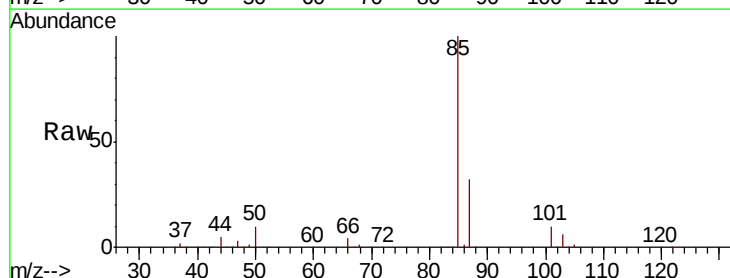
Acq: 14 Aug 2018 23:29

Tgt Ion: 85 Resp: 150563

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

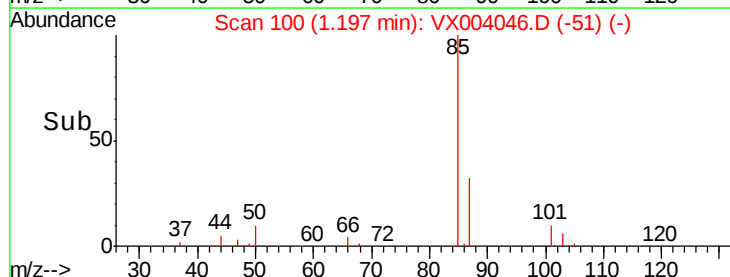
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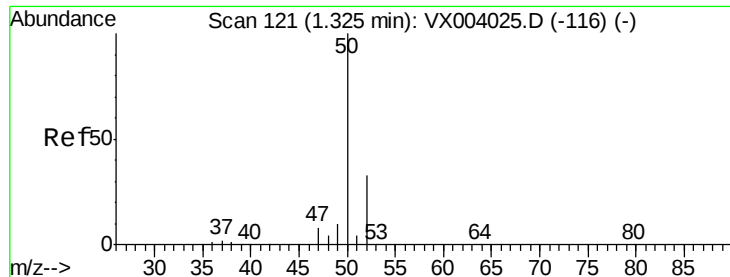
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 48.596 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

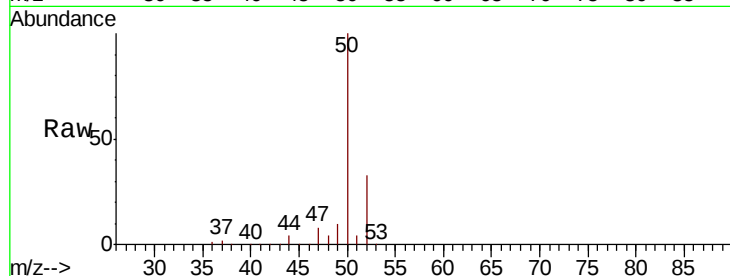
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Tgt Ion: 50 Resp: 176792

Ion Ratio Lower Upper

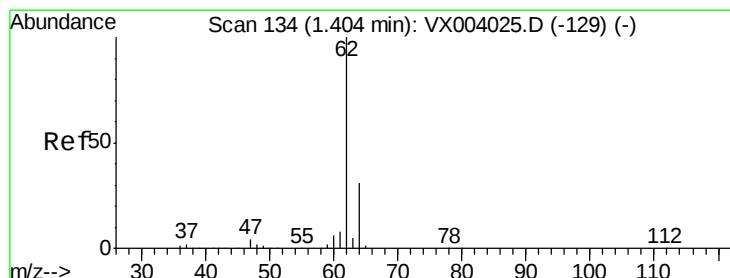
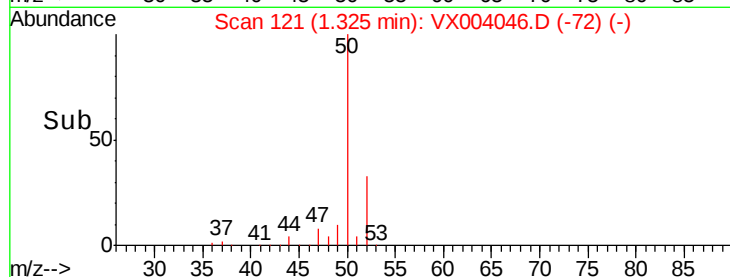
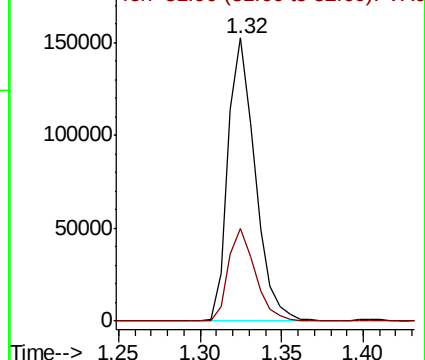
50 100

52 32.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.660 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004046.D

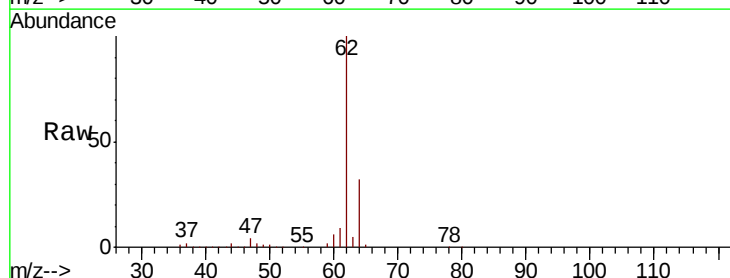
Acq: 14 Aug 2018 23:29

Tgt Ion: 62 Resp: 195473

Ion Ratio Lower Upper

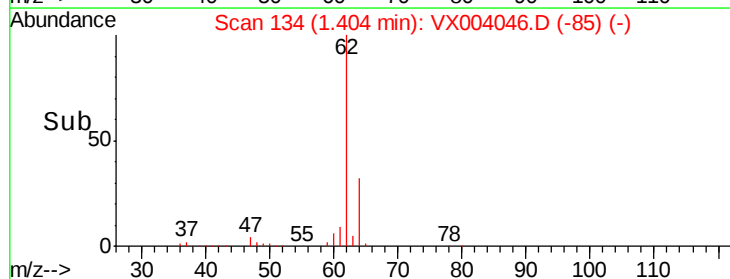
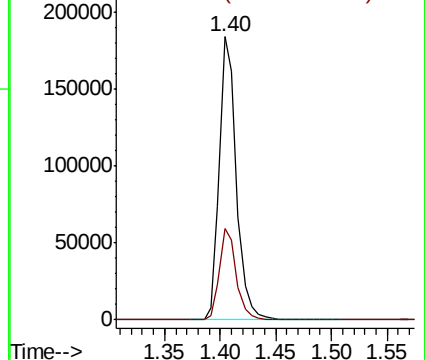
62 100

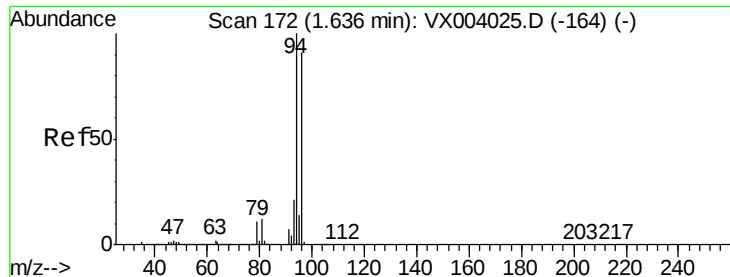
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.528 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

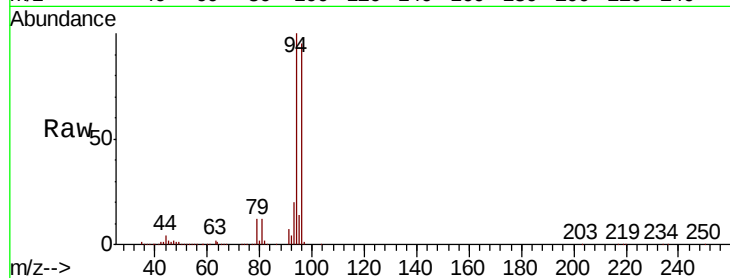
BFB

Tgt Ion: 94 Resp: 104759

Ion Ratio Lower Upper

94 100

96 95.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

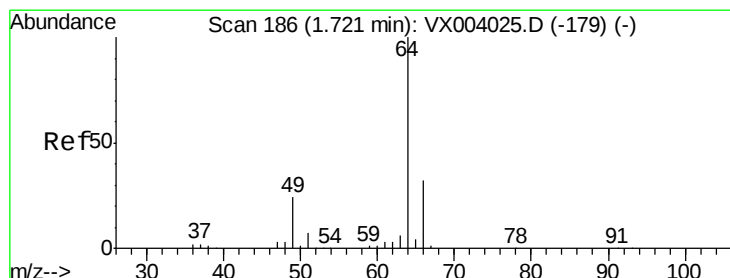
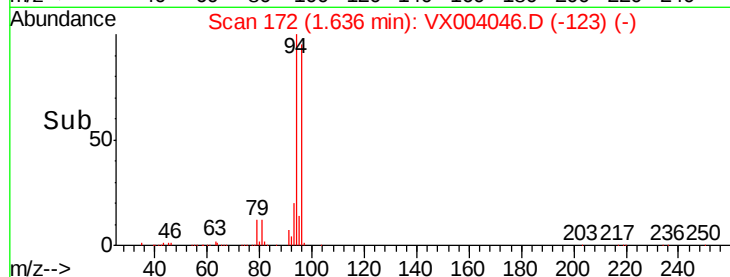
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 55.804 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004046.D

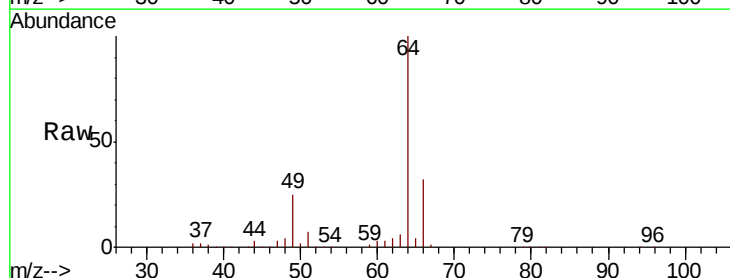
Acq: 14 Aug 2018 23:29

Tgt Ion: 64 Resp: 143950

Ion Ratio Lower Upper

64 100

66 32.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

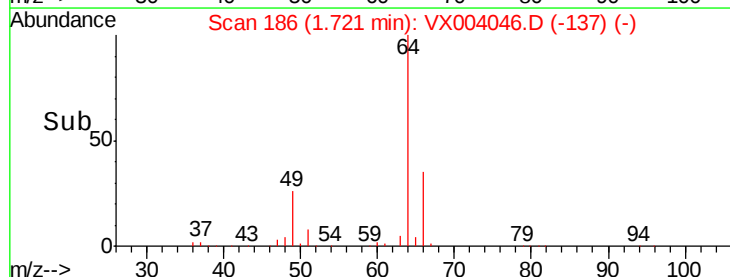
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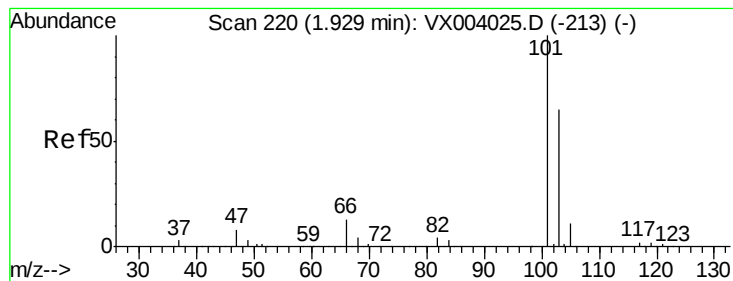
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20000

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Time-->



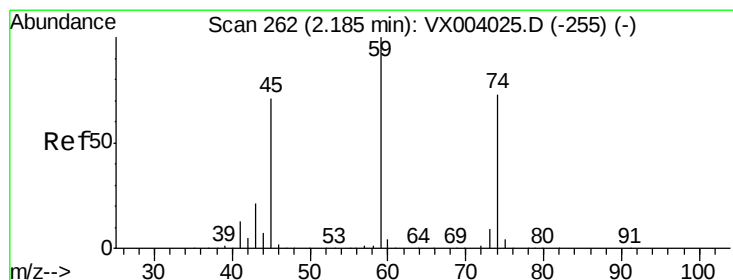
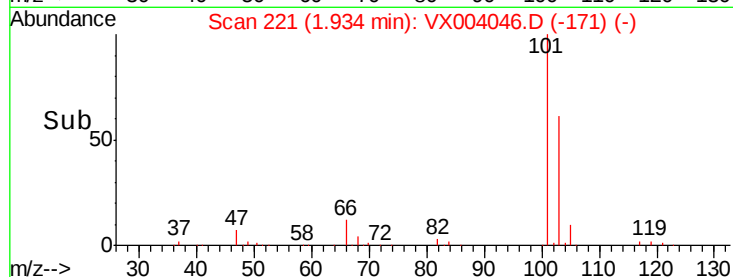
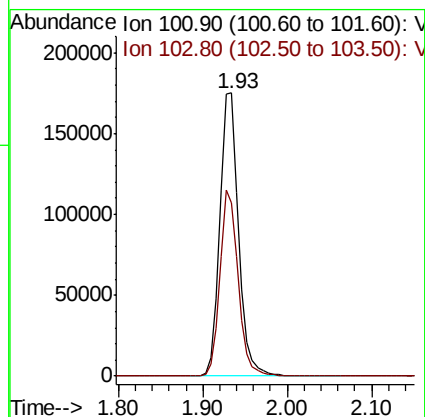
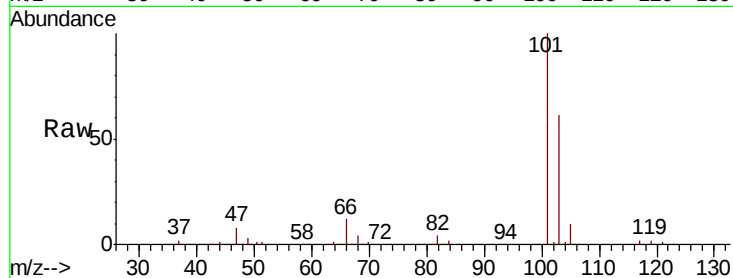


#7

Trichlorofluoromethane
 Concen: 48.905 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
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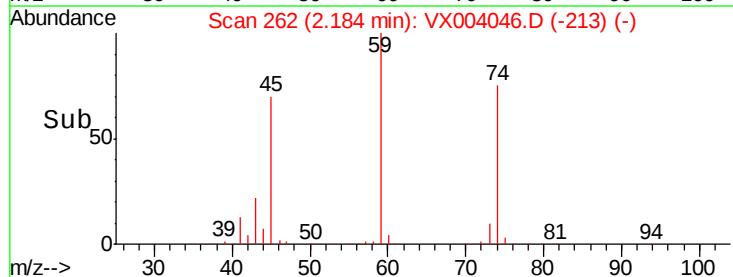
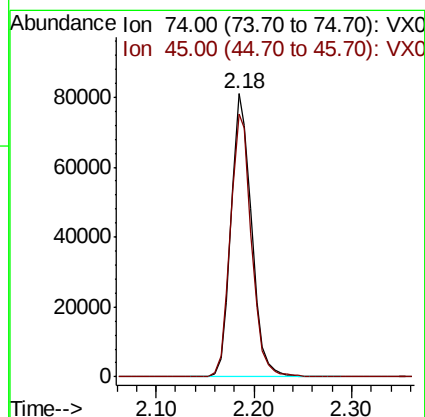
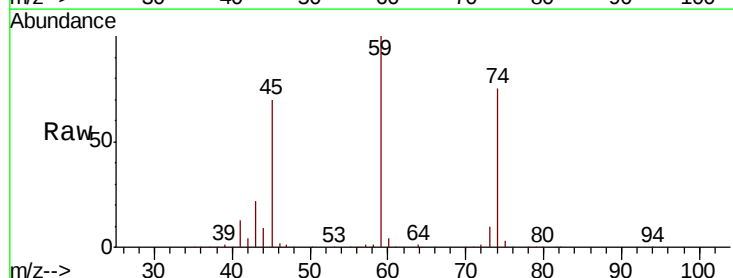
Tgt Ion:101 Resp: 270040
 Ion Ratio Lower Upper
 101 100
 103 61.1 52.3 78.5

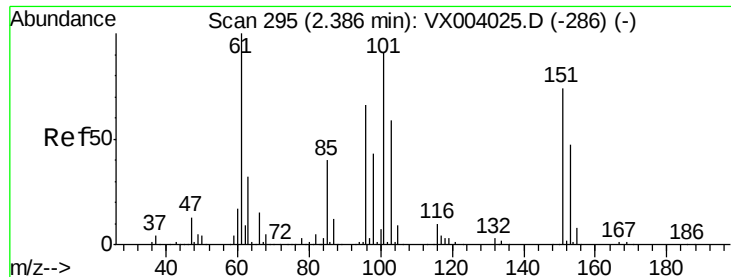


#8

Diethyl Ether
 Concen: 48.851 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 74 Resp: 117760
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.309 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

BFB

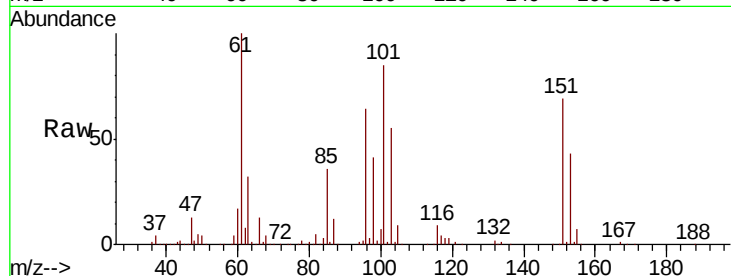
Tgt Ion:101 Resp: 166408

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

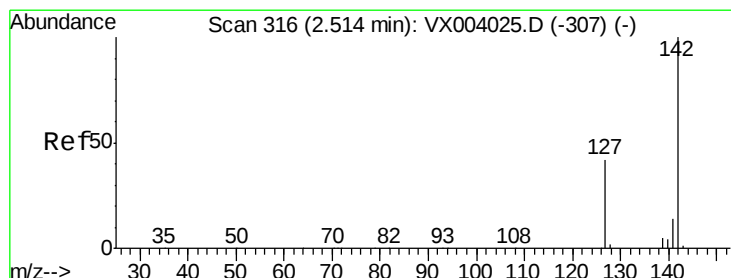
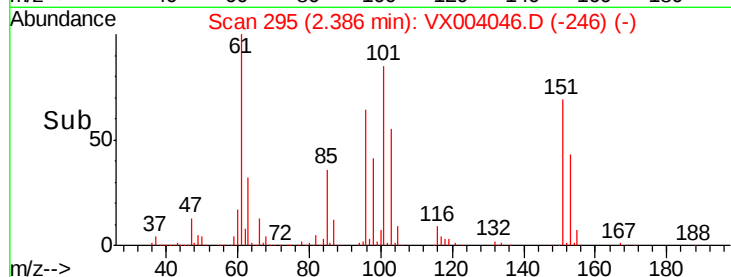
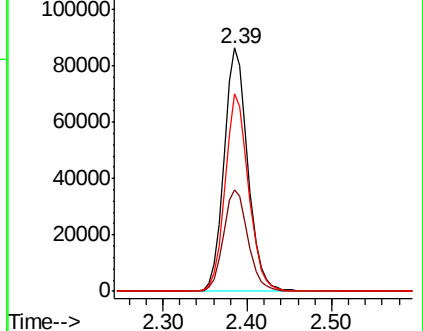
151 80.3 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.493 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

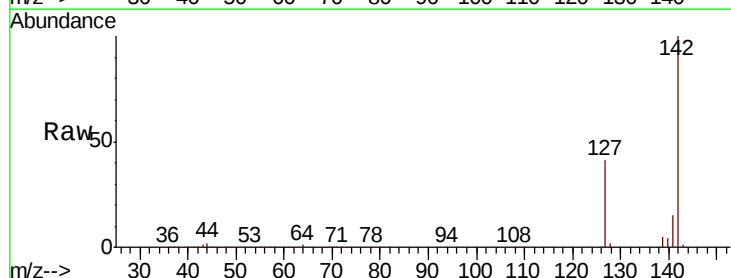
Tgt Ion:142 Resp: 165524

Ion Ratio Lower Upper

142 100

127 41.1 33.1 49.7

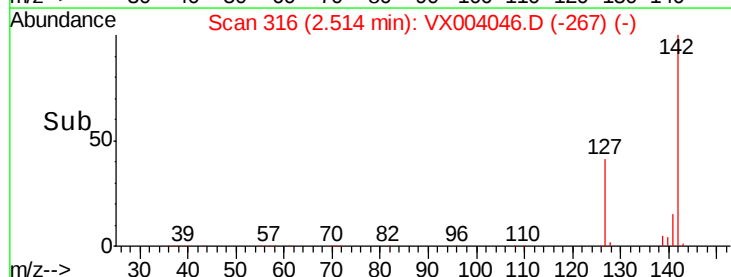
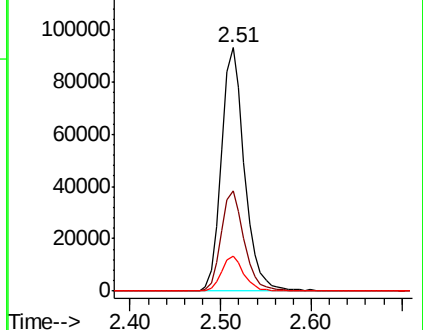
141 14.2 11.1 16.7

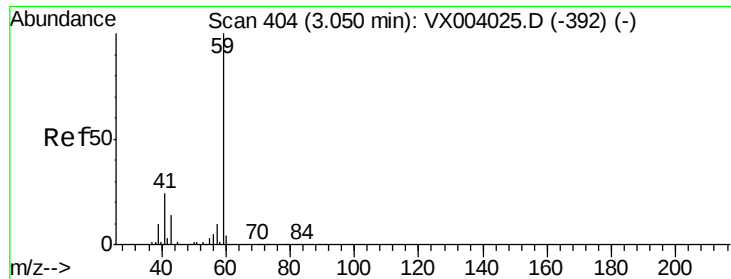


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

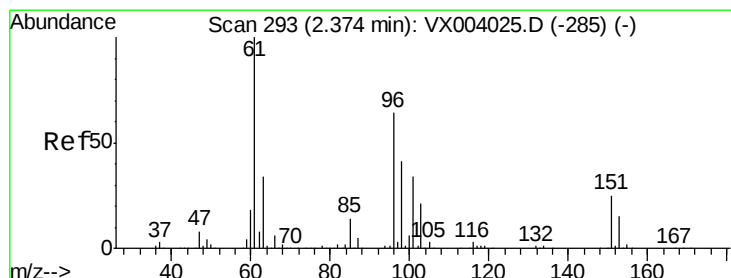
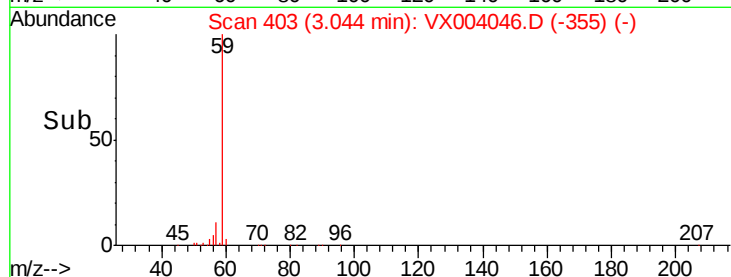
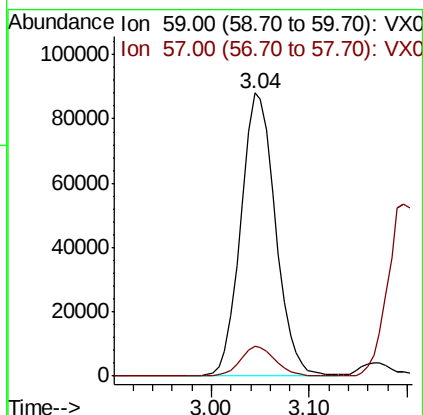
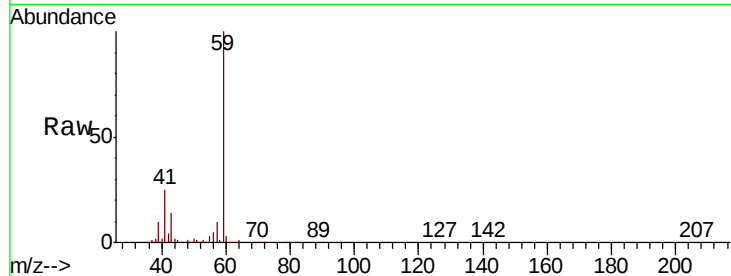




#11
Tert butyl alcohol
Concen: 251.351 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

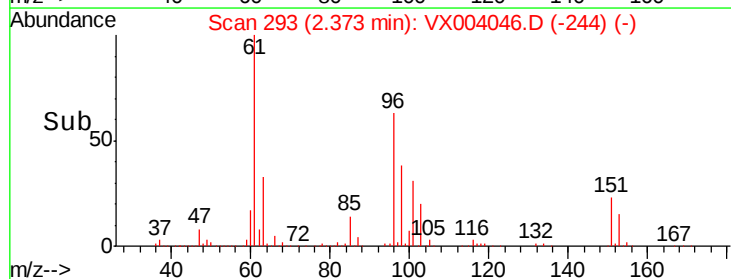
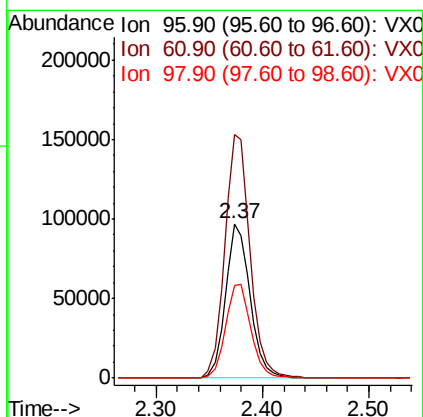
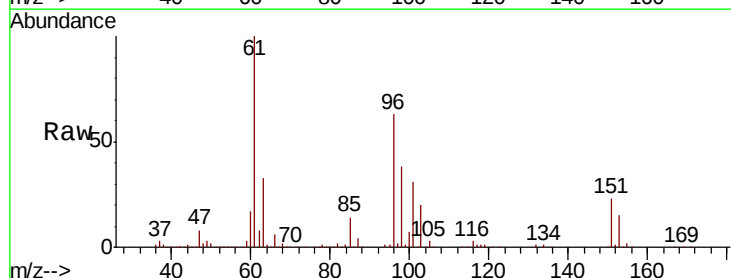
Instrument :
MSVOA_X
ClientSampleId :
BFB

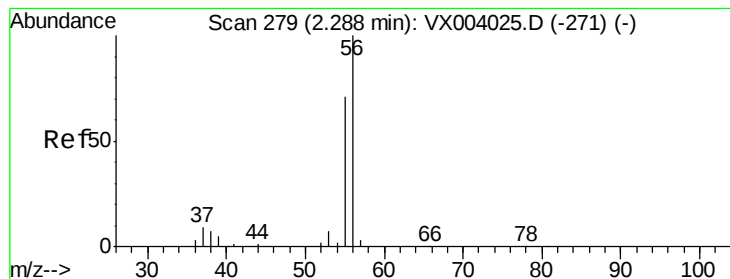
Tgt Ion: 59 Resp: 217187
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.875 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion: 96 Resp: 156583
Ion Ratio Lower Upper
96 100
61 157.5 131.3 196.9
98 60.2 51.8 77.6





#13

Acrolein

Concen: 235.127 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

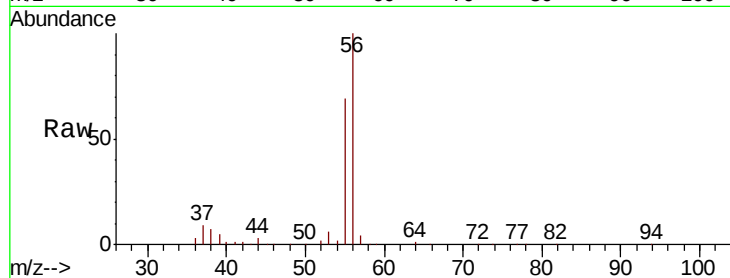
BFB

Tgt Ion: 56 Resp: 137443

Ion Ratio Lower Upper

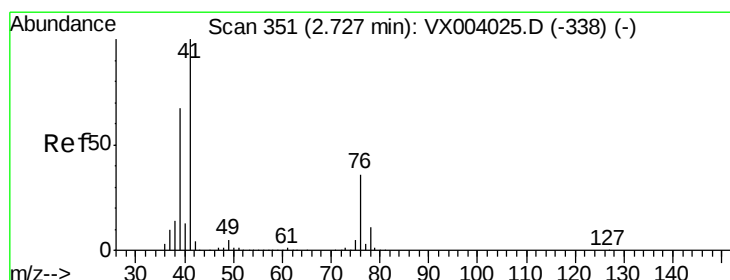
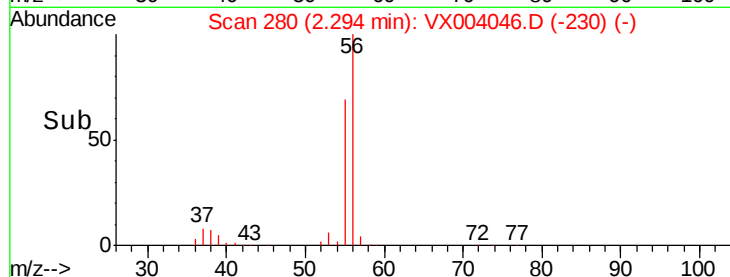
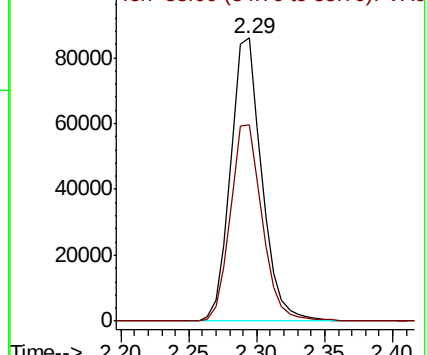
56 100

55 70.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.013 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

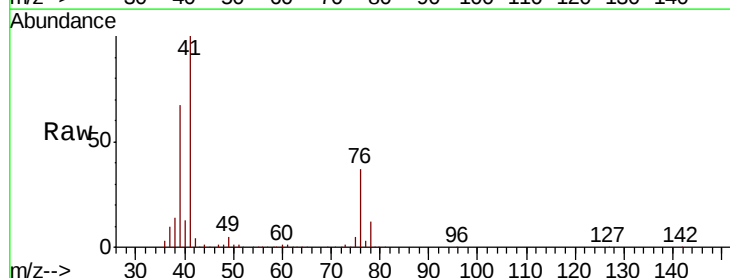
Tgt Ion: 41 Resp: 292691

Ion Ratio Lower Upper

41 100

39 62.1 47.4 71.0

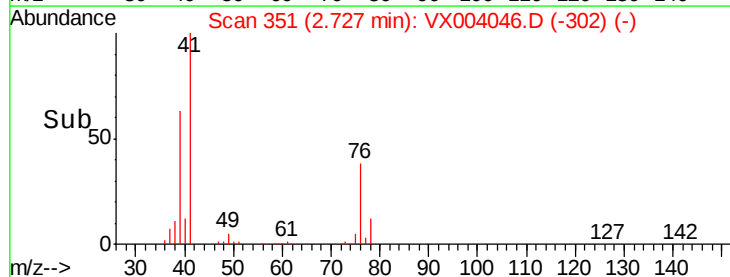
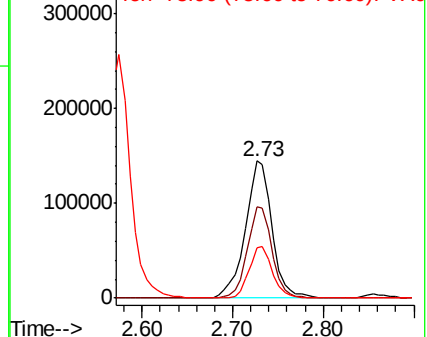
76 33.1 26.0 39.0

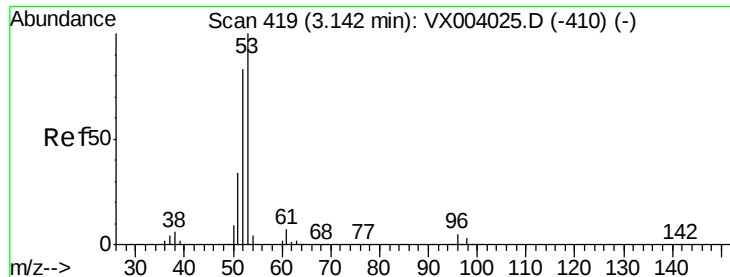


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 254.718 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

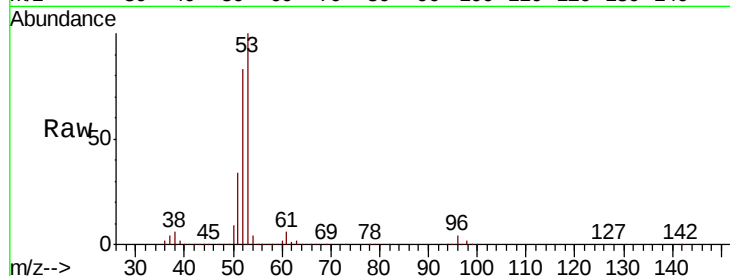
Tgt Ion: 53 Resp: 548764

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

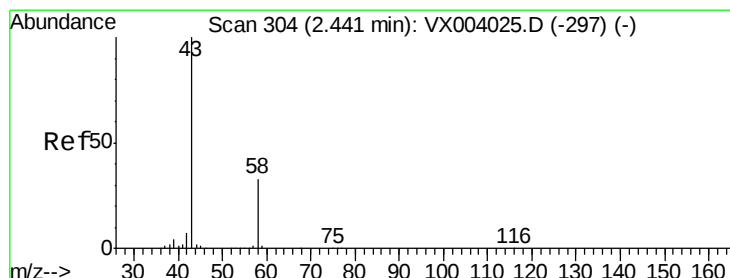
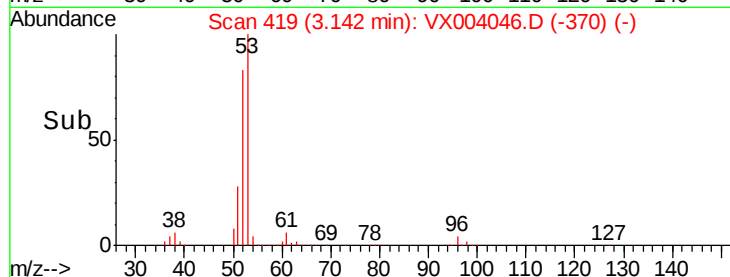
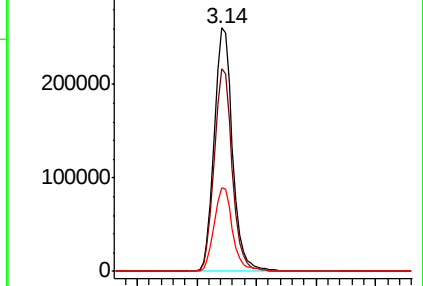
51 35.0 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 247.567 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004046.D

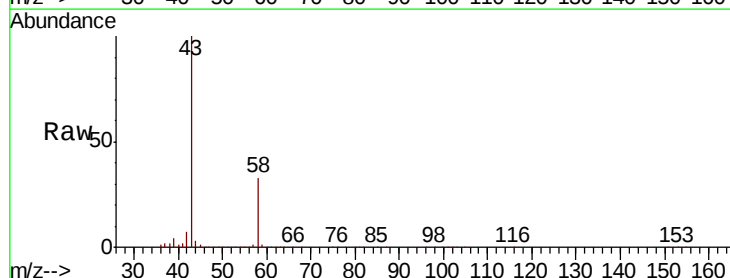
Acq: 14 Aug 2018 23:29

Tgt Ion: 43 Resp: 552305

Ion Ratio Lower Upper

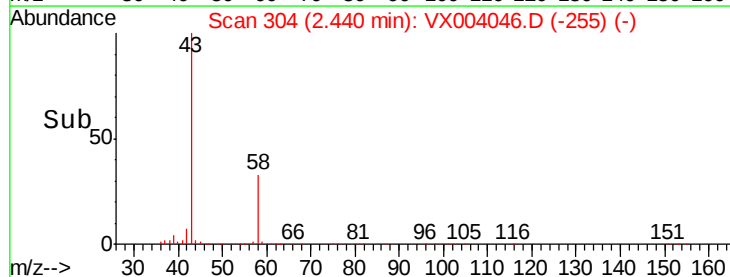
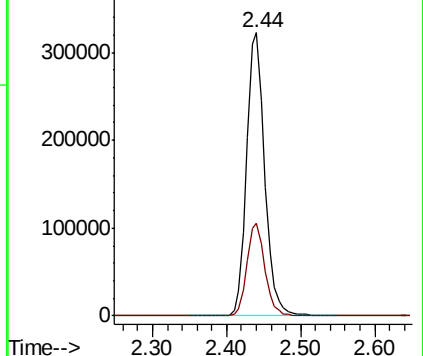
43 100

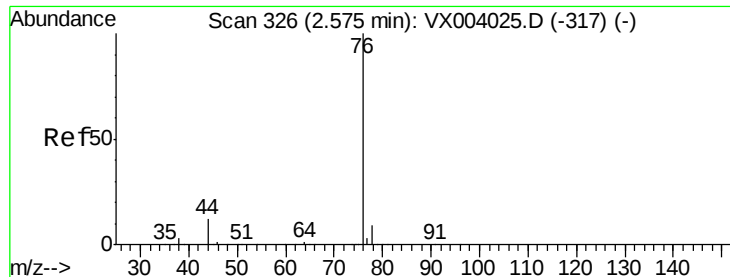
58 32.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

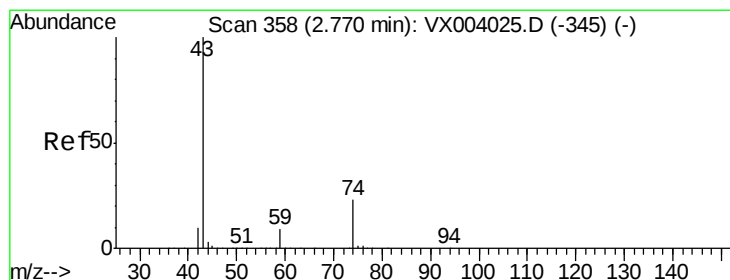
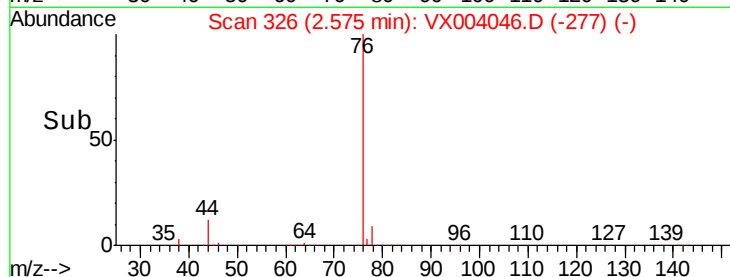
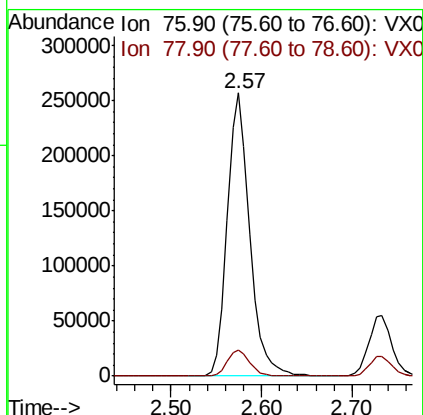
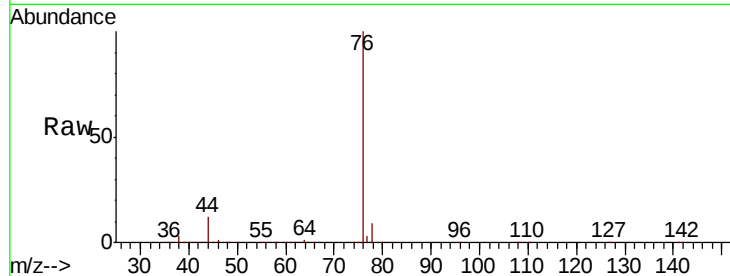




#17
Carbon Disulfide
Concen: 48.518 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

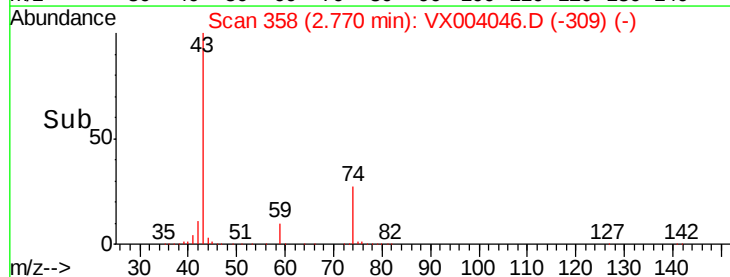
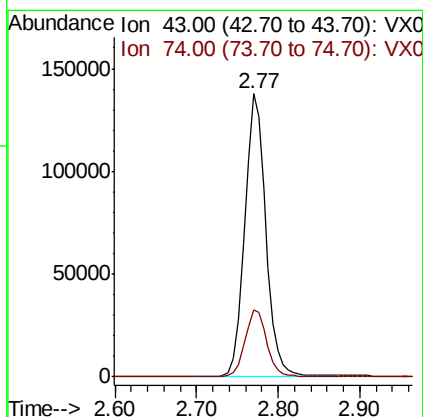
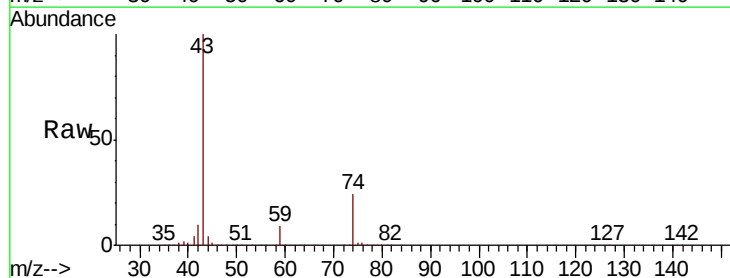
Instrument :
MSVOA_X
ClientSampleId :
BFB

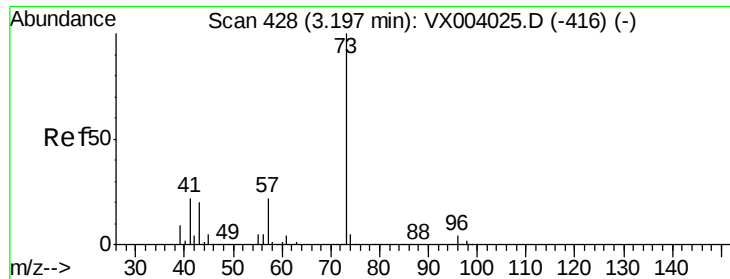
Tgt Ion: 76 Resp: 440888
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 49.726 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion: 43 Resp: 246522
Ion Ratio Lower Upper
43 100
74 24.8 18.9 28.3



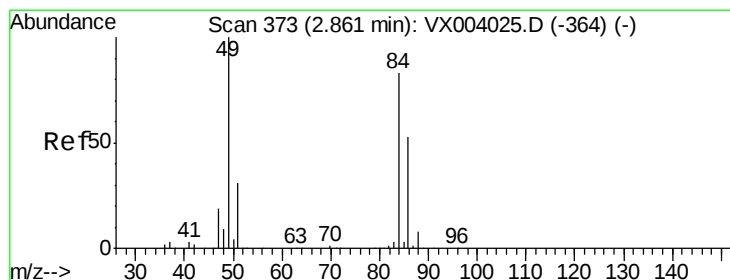
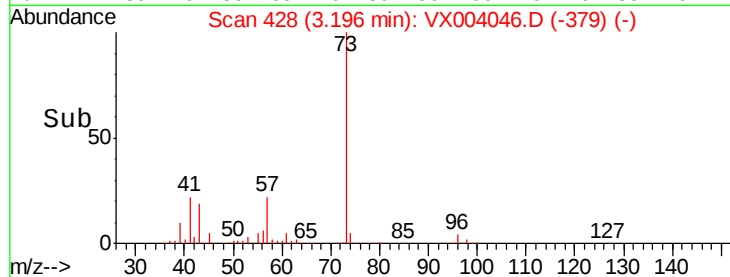
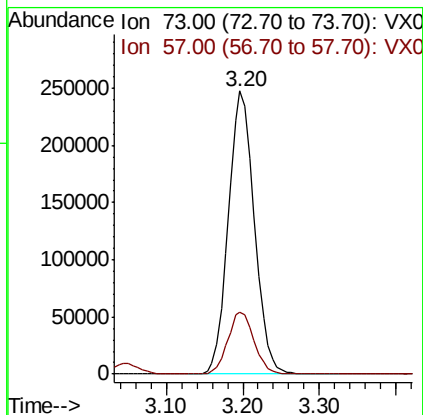
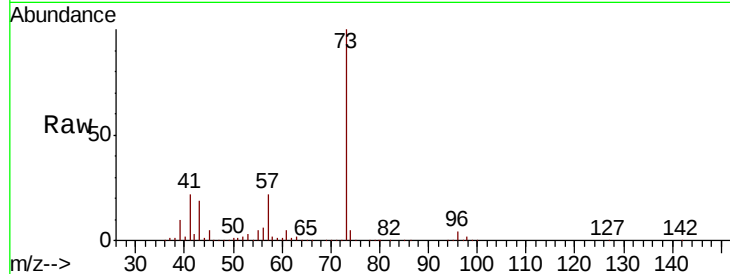


#19

Methyl tert-butyl Ether
 Concen: 51.528 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

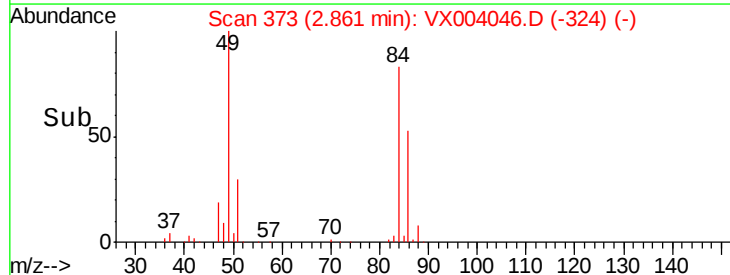
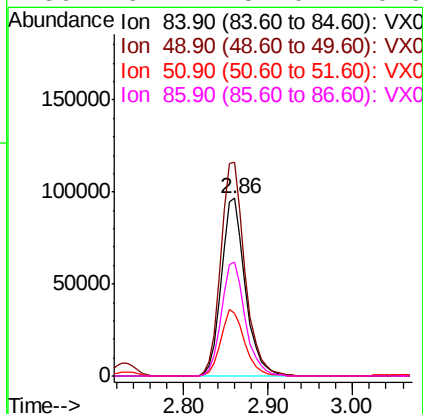
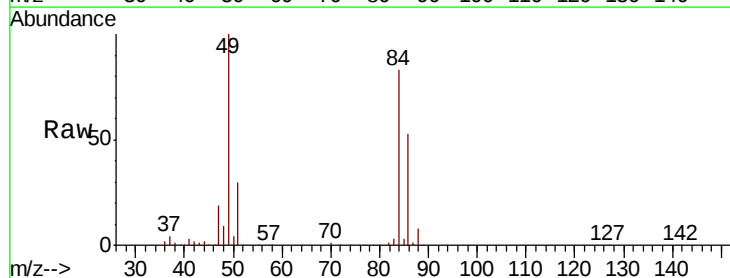
Tgt Ion: 73 Resp: 581623
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.0 27.0

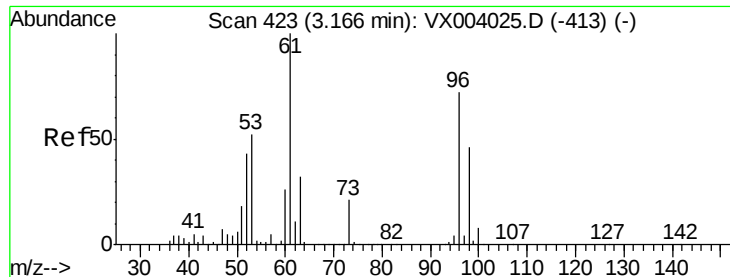


#20

Methylene Chloride
 Concen: 51.640 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 84 Resp: 188225
 Ion Ratio Lower Upper
 84 100
 49 120.1 98.9 148.3
 51 35.5 29.9 44.9
 86 64.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.103 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

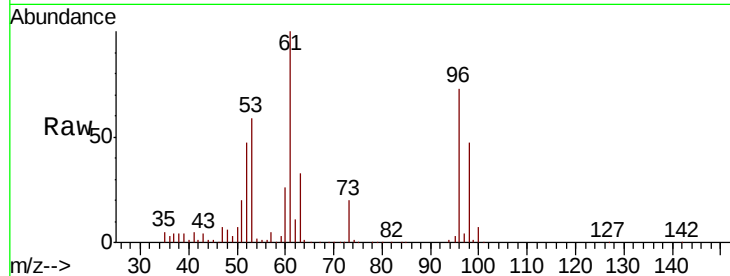
Tgt Ion: 96 Resp: 178663

Ion Ratio Lower Upper

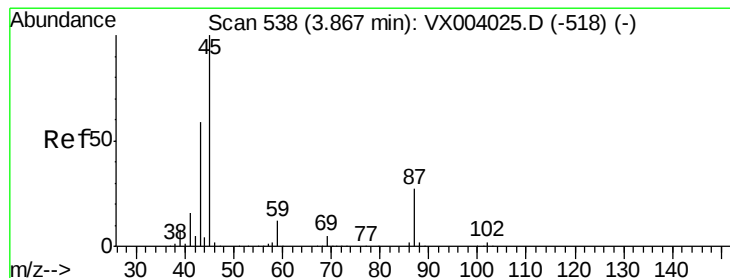
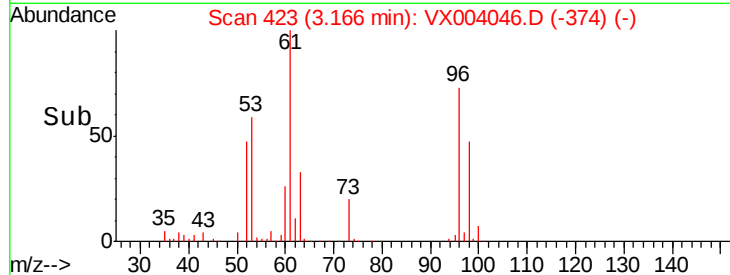
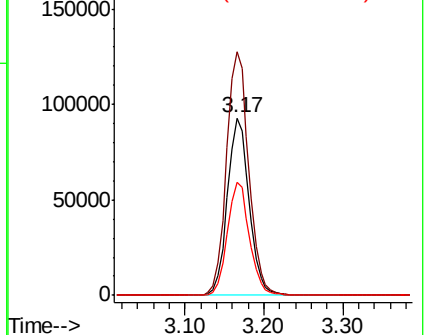
96 100

61 137.5 111.8 167.6

98 64.2 51.8 77.6



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



#22

Diisopropyl ether

Concen: 48.808 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Tgt Ion: 45 Resp: 583019

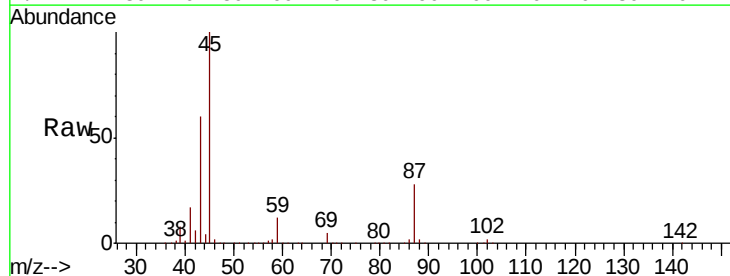
Ion Ratio Lower Upper

45 100

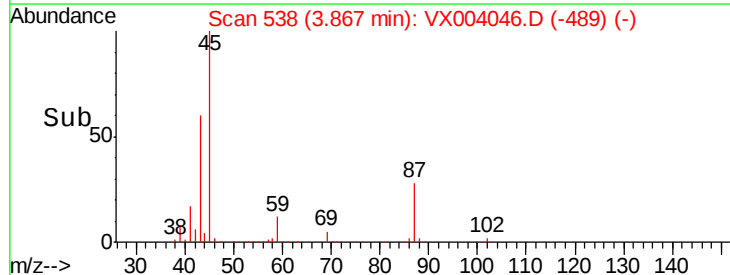
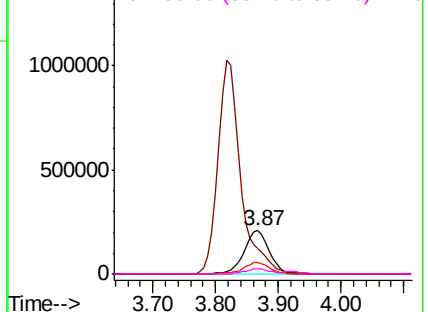
43 59.6 45.3 67.9

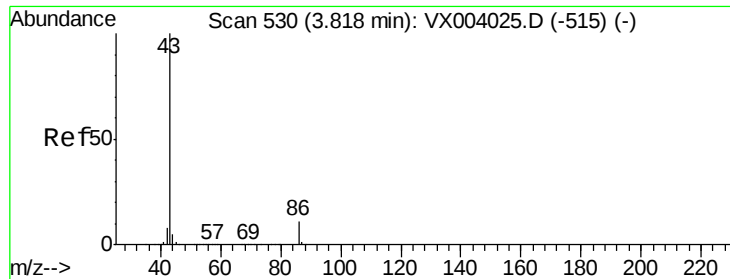
87 28.1 22.7 34.1

59 11.7 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: 264.157 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

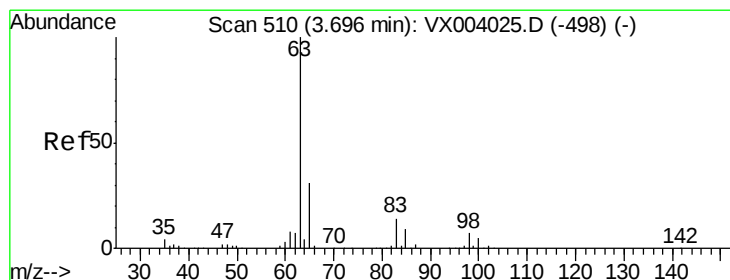
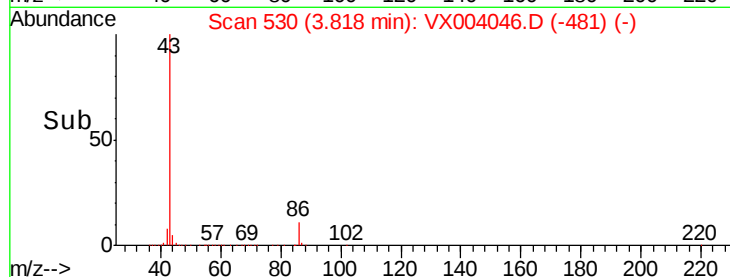
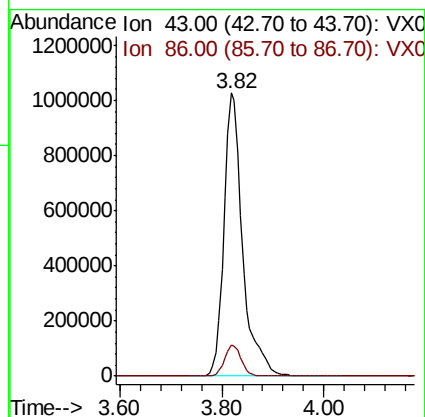
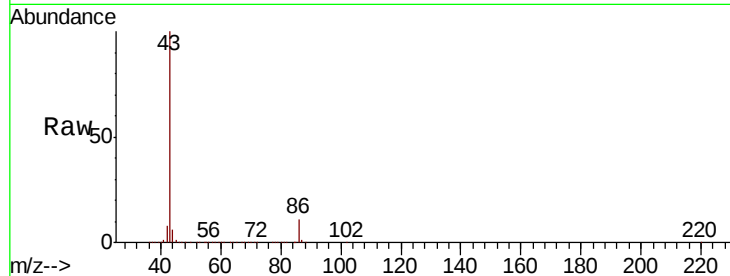
BFB

Tgt Ion: 43 Resp: 2591691

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.287 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

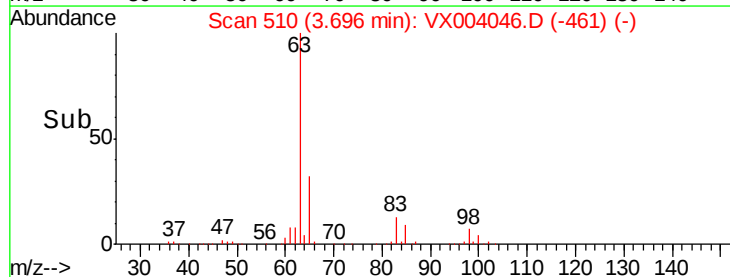
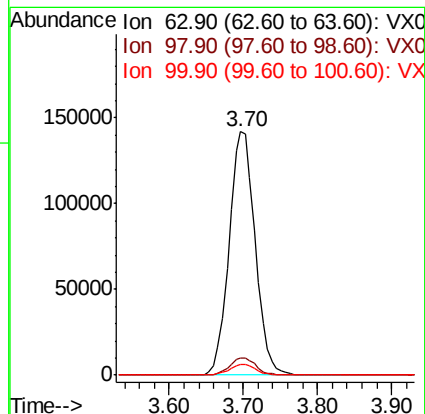
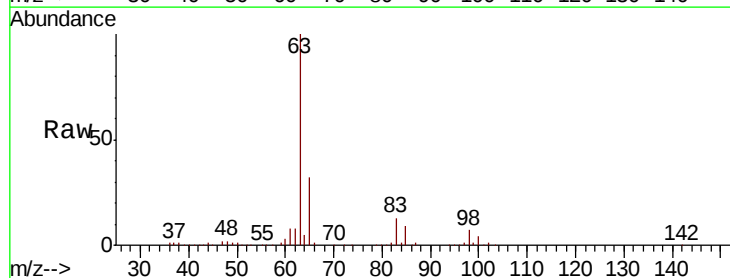
Tgt Ion: 63 Resp: 347002

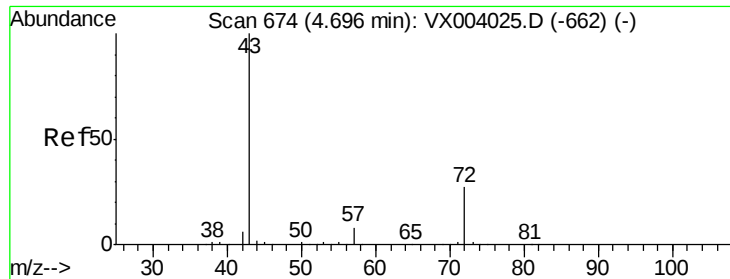
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 248.772 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

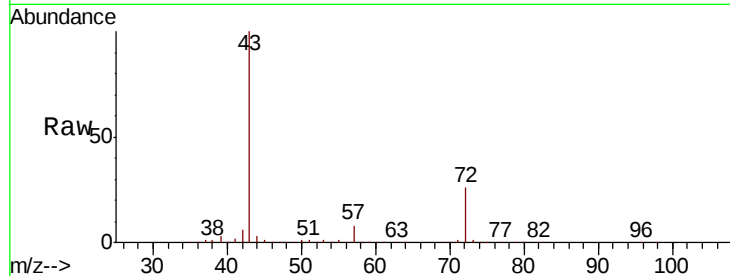
BFB

Tgt Ion: 43 Resp: 903013

Ion Ratio Lower Upper

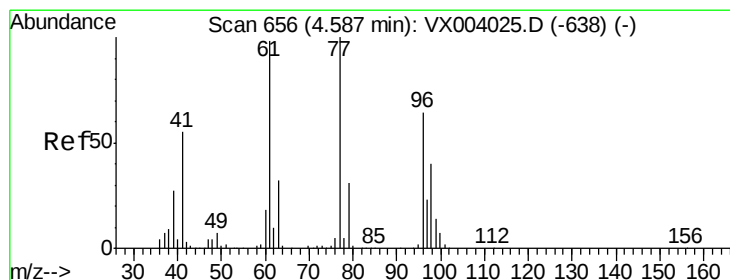
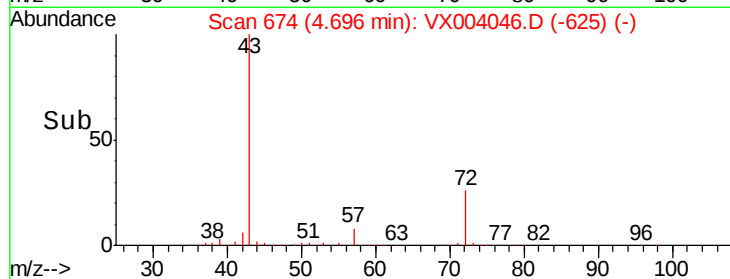
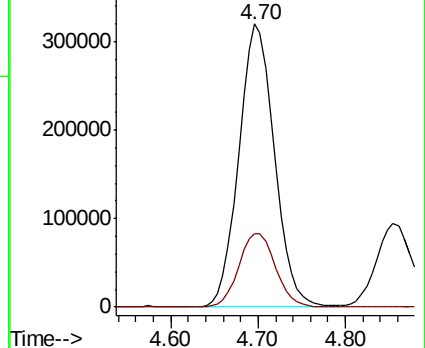
43 100

72 26.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.091 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004046.D

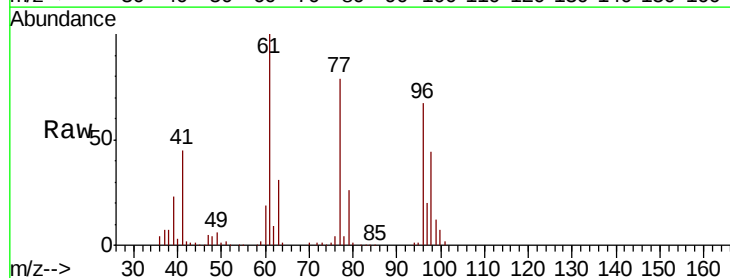
Acq: 14 Aug 2018 23:29

Tgt Ion: 77 Resp: 204900

Ion Ratio Lower Upper

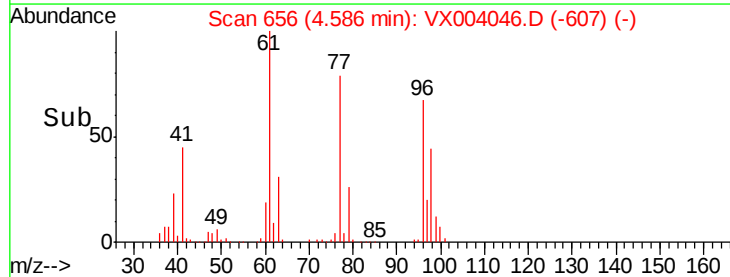
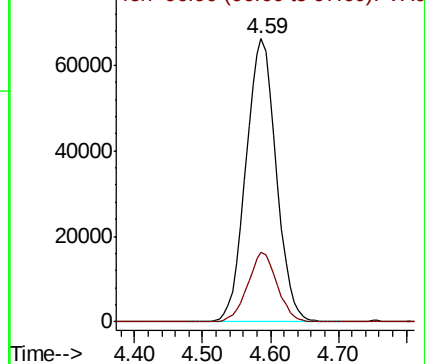
77 100

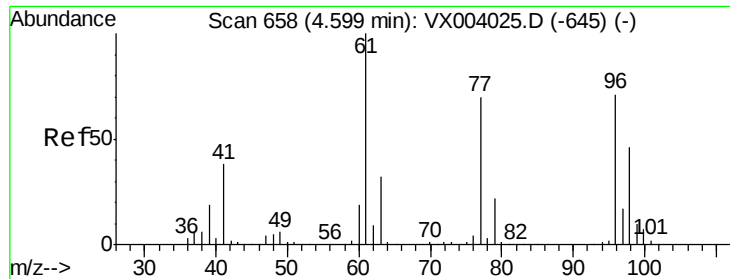
97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



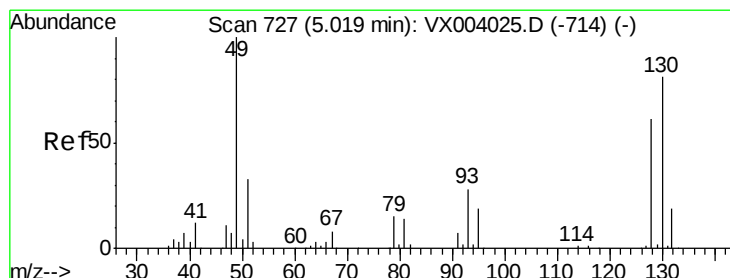
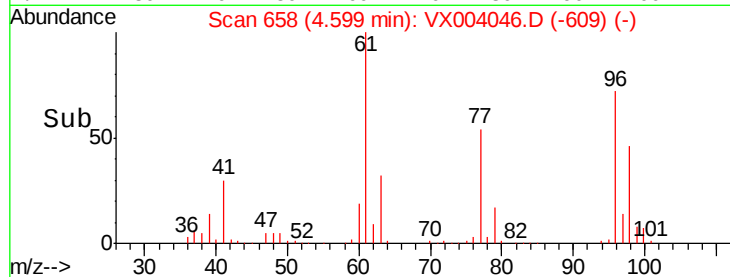
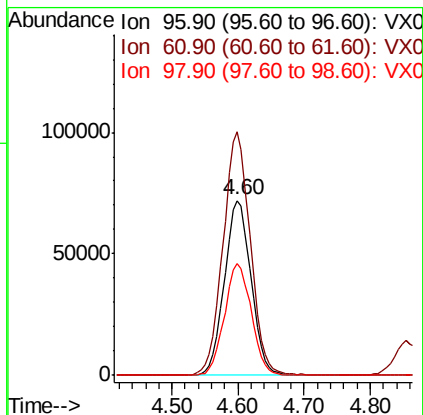
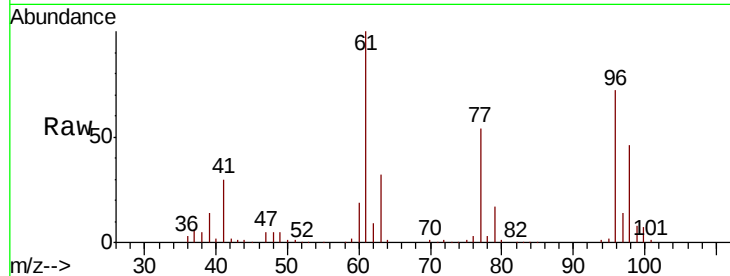


#27

cis-1,2-Dichloroethene
 Concen: 49.005 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

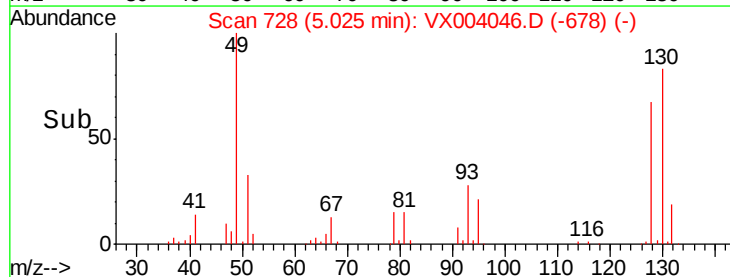
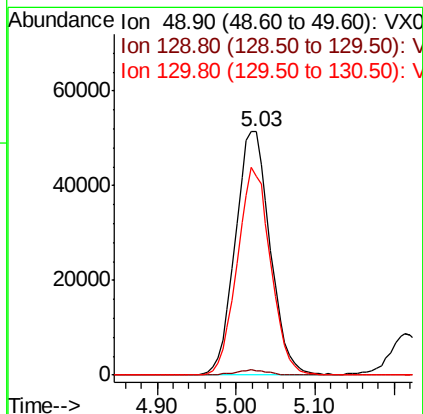
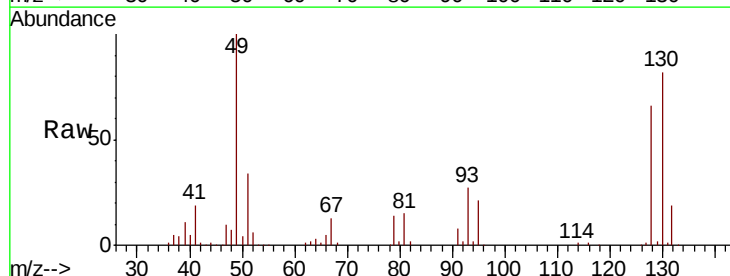
Tgt Ion:	96	Resp:	200503
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	293.0
98	64.3	0.0	131.8

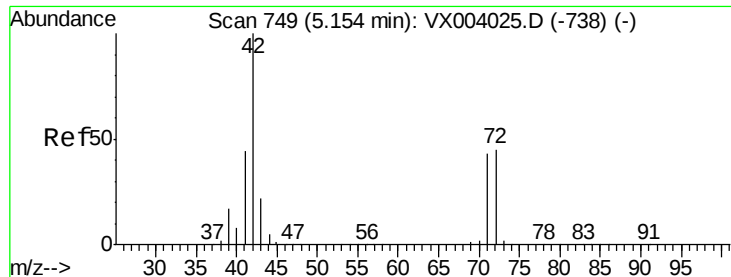


#28

Bromochloromethane
 Concen: 50.881 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion:	49	Resp:	157945
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	81.7	66.5	99.7





#29

Tetrahydrofuran

Concen: 248.201 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

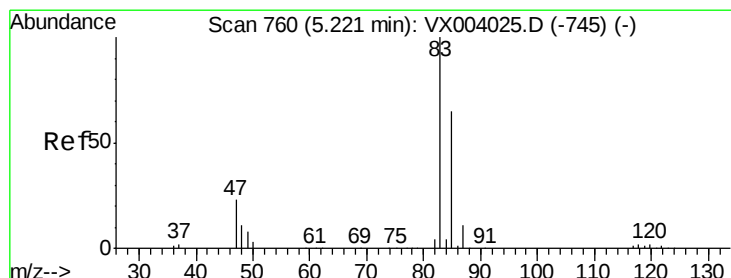
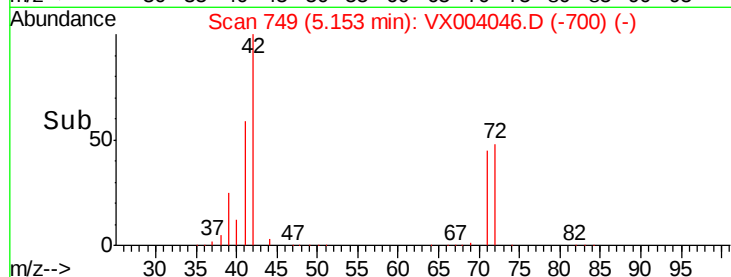
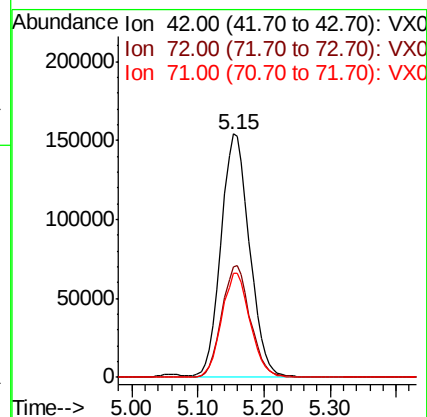
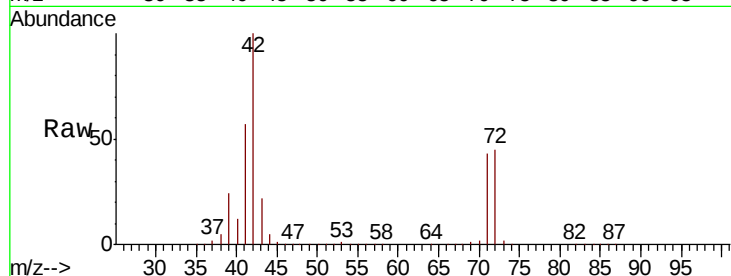
Tgt Ion: 42 Resp: 460302

Ion Ratio Lower Upper

42 100

72 46.3 37.7 56.5

71 42.9 35.0 52.6



#30

Chloroform

Concen: 50.695 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004046.D

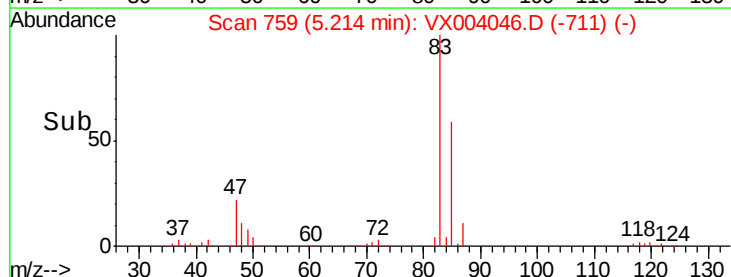
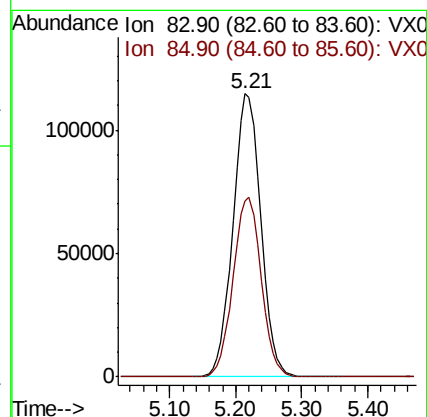
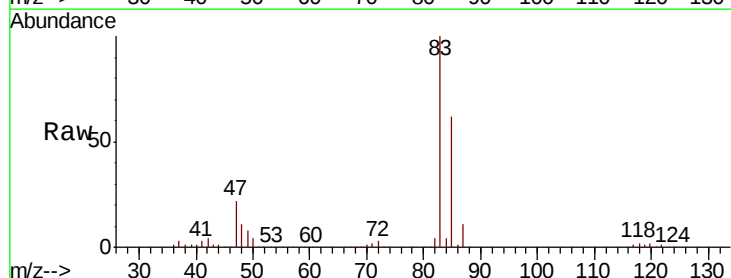
Acq: 14 Aug 2018 23:29

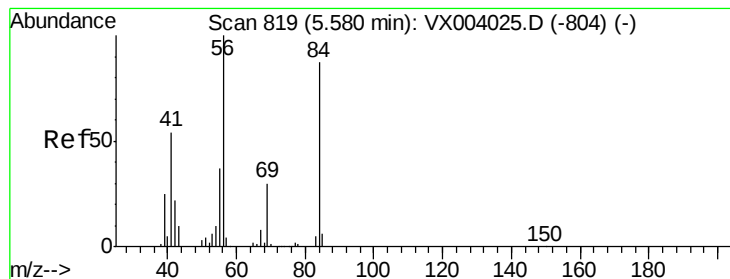
Tgt Ion: 83 Resp: 334755

Ion Ratio Lower Upper

83 100

85 62.0 50.7 76.1





#31

Cyclohexane

Concen: 47.946 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

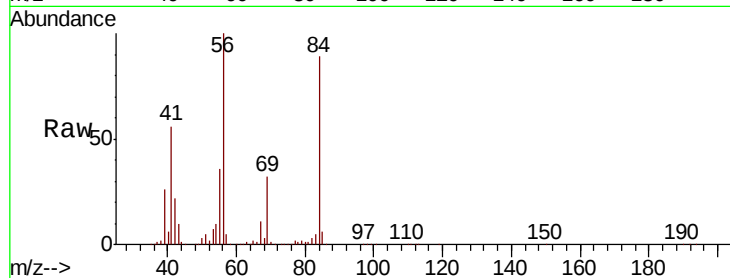
Tgt Ion: 56 Resp: 284384

Ion Ratio Lower Upper

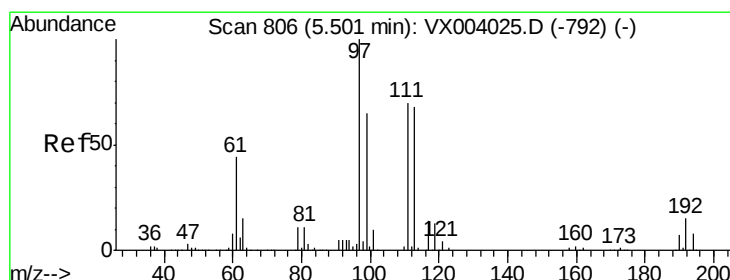
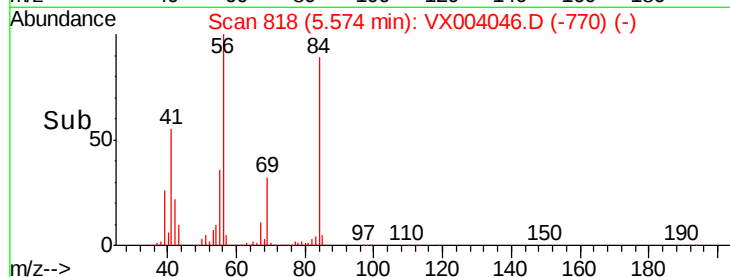
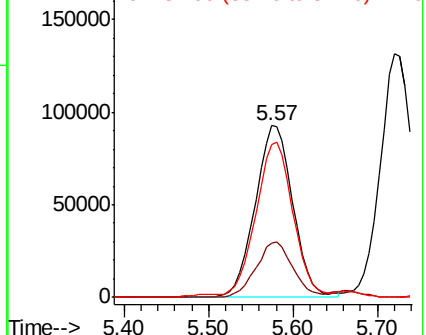
56 100

69 31.5 24.9 37.3

84 88.4 71.7 107.5



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: 51.038 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

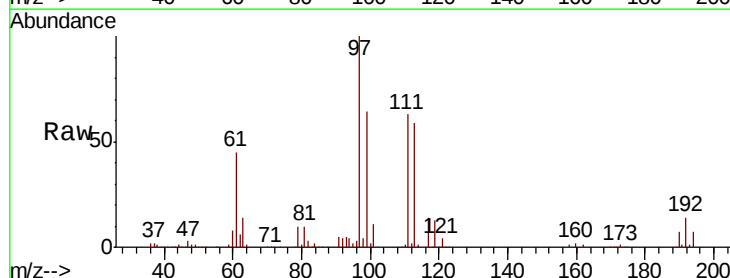
Tgt Ion: 97 Resp: 281627

Ion Ratio Lower Upper

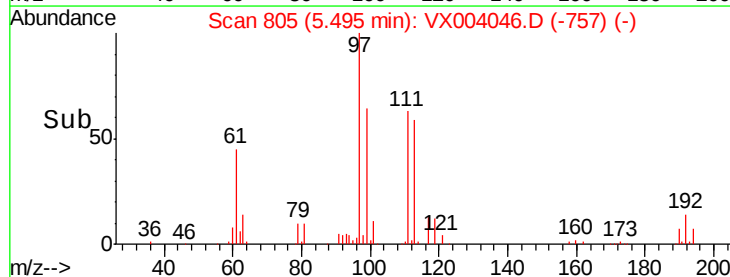
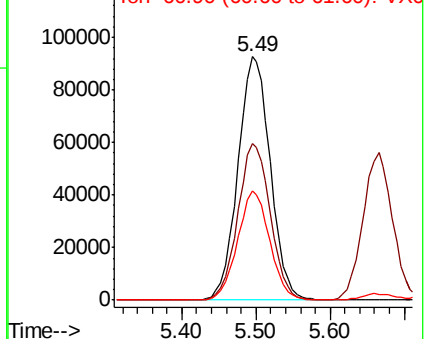
97 100

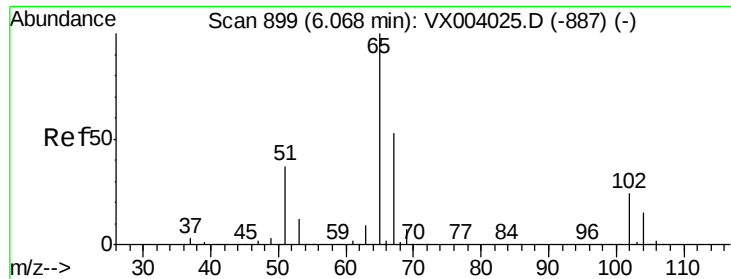
99 64.7 51.8 77.8

61 44.8 34.4 51.6



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





#33

1,2-Dichloroethane-d4

Concen: 51.806 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

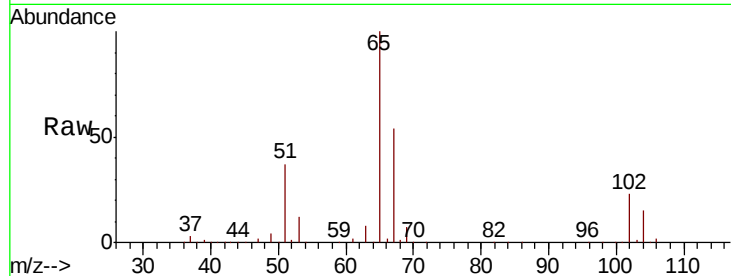
BFB

Tgt Ion: 65 Resp: 222294

Ion Ratio Lower Upper

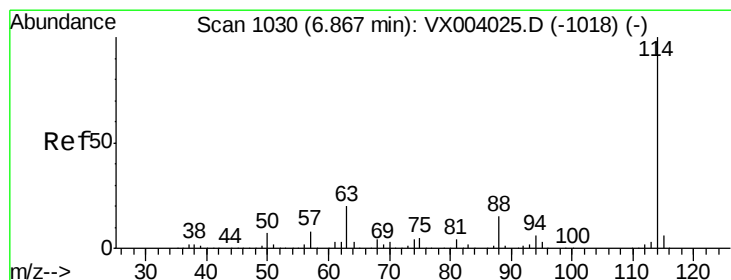
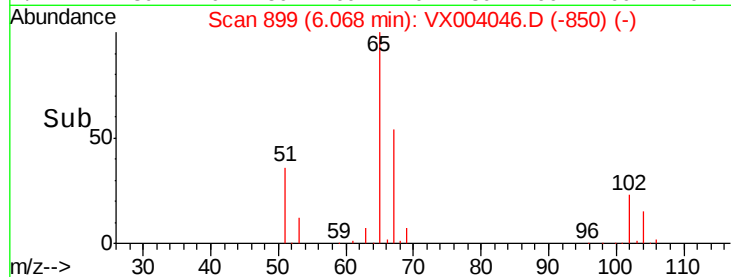
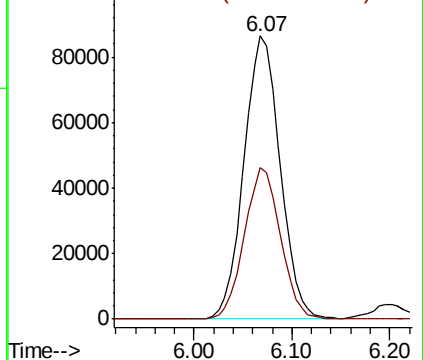
65 100

67 53.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

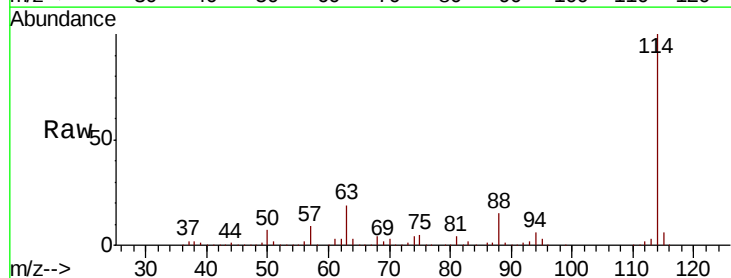
Tgt Ion: 114 Resp: 455999

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

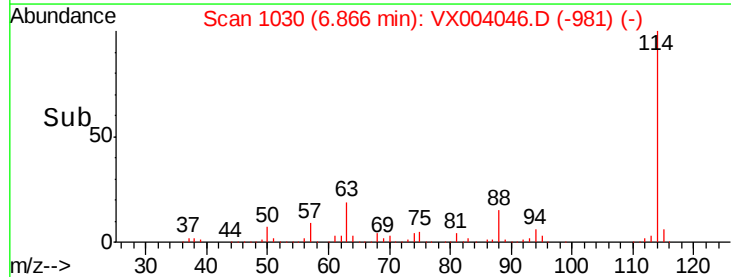
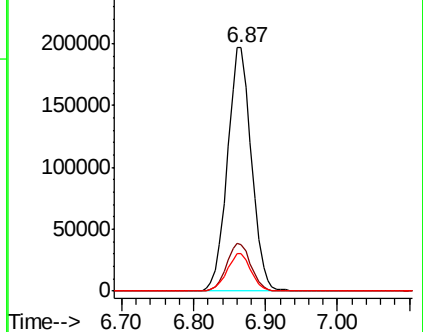
88 15.3 0.0 32.0

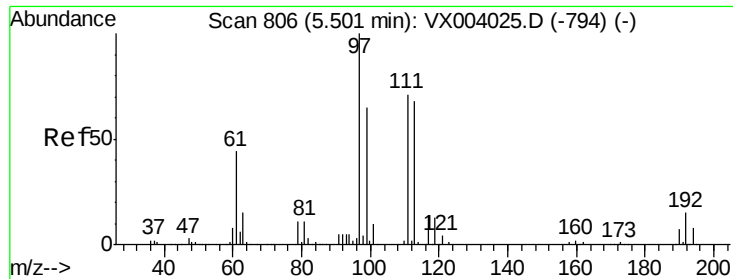


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

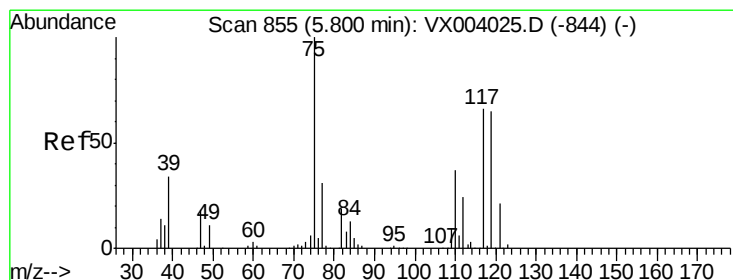
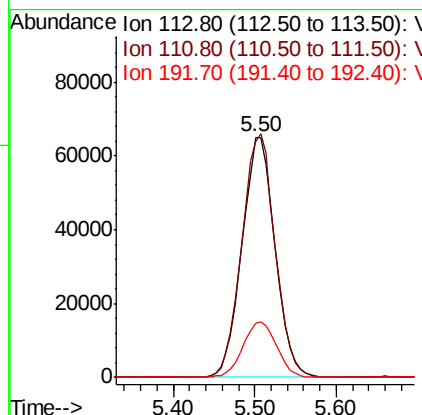
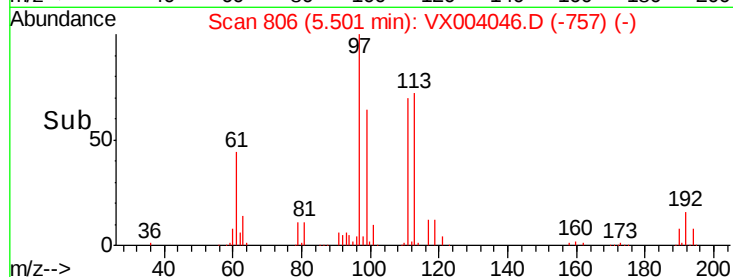
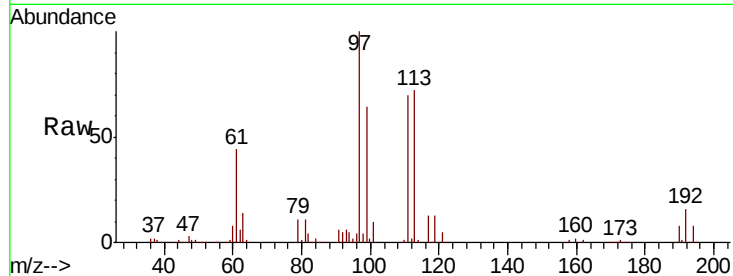




#35
 Dibromofluoromethane
 Concen: 53.652 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

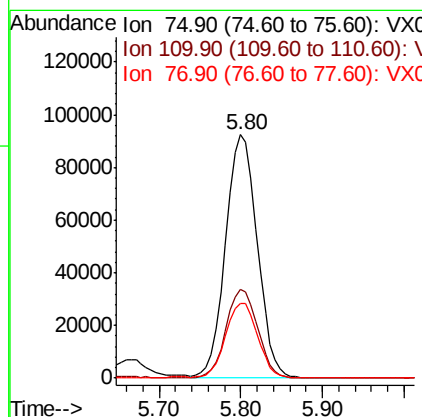
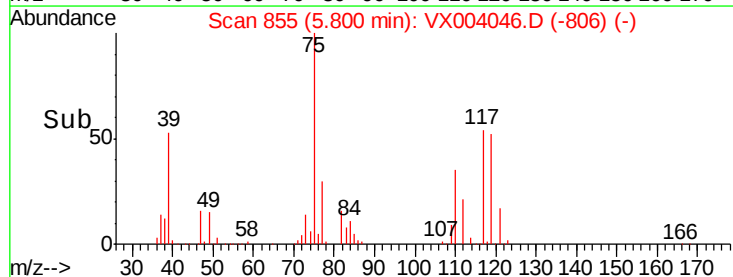
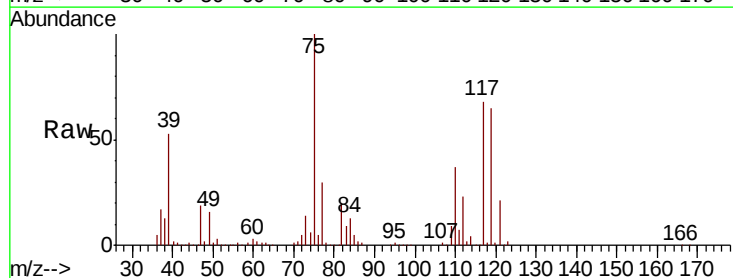
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

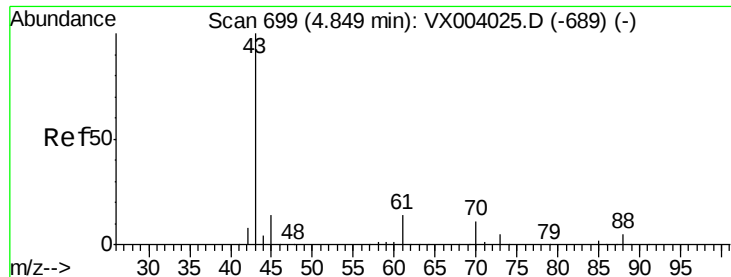
Tgt Ion:113 Resp: 183103
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 23.6 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 47.855 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 75 Resp: 248316
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 48.956 ug/l

RT: 4.85 min Scan# 700

Delta R.T. 0.01 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

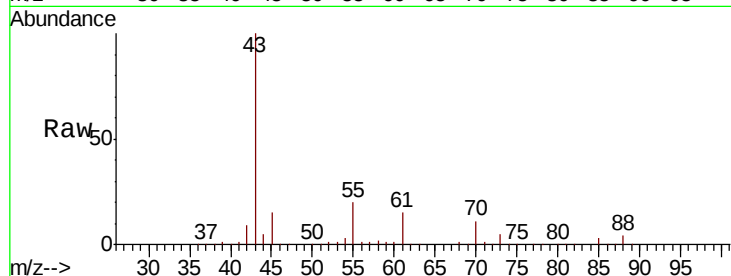
Tgt Ion: 43 Resp: 276635

Ion Ratio Lower Upper

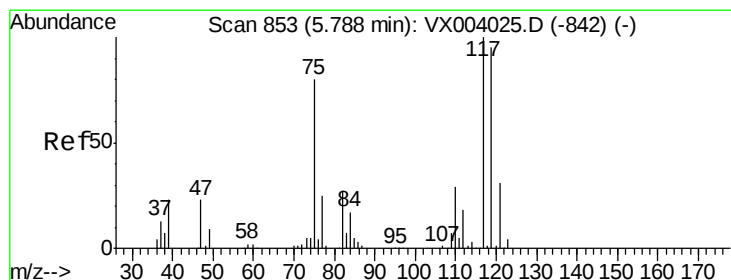
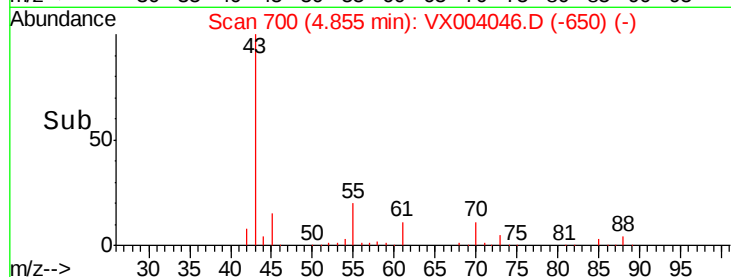
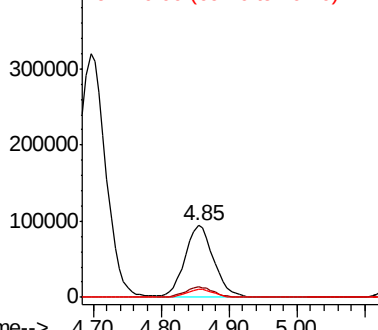
43 100

61 14.2 11.5 17.3

70 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.236 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

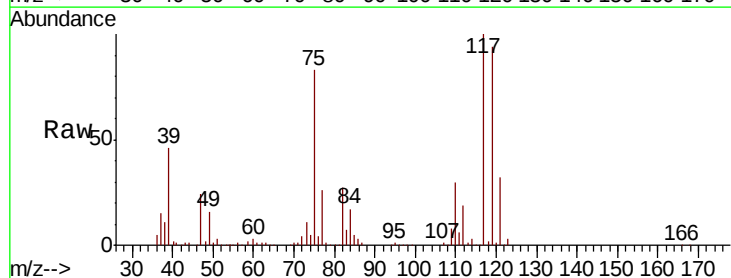
Tgt Ion: 117 Resp: 248220

Ion Ratio Lower Upper

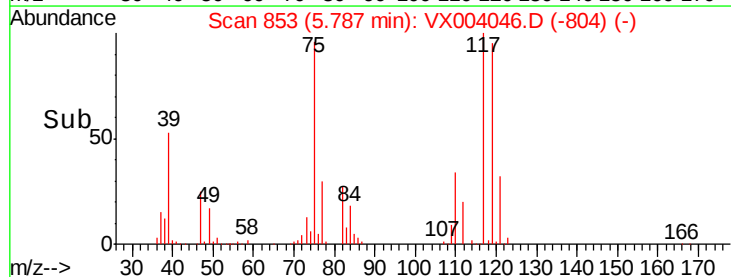
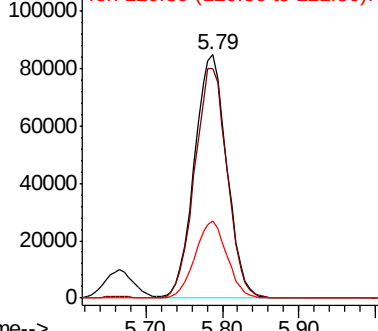
117 100

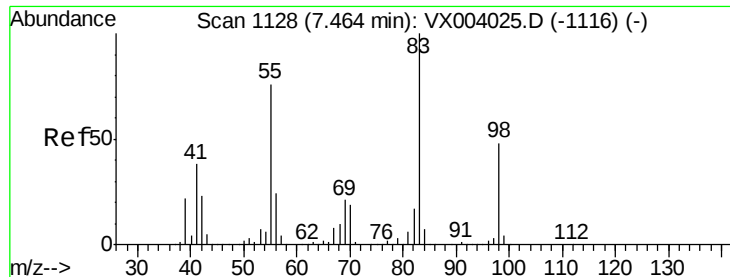
119 94.4 79.5 119.3

121 31.8 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

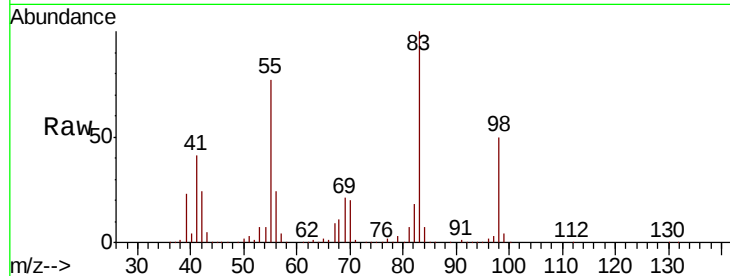




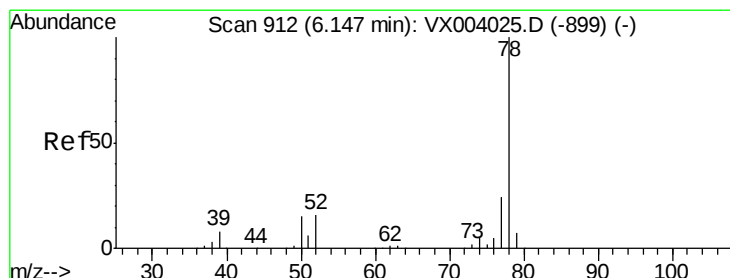
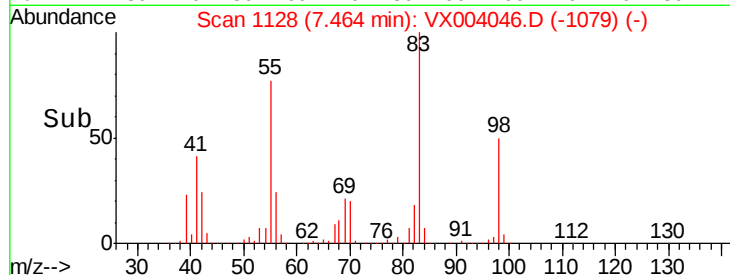
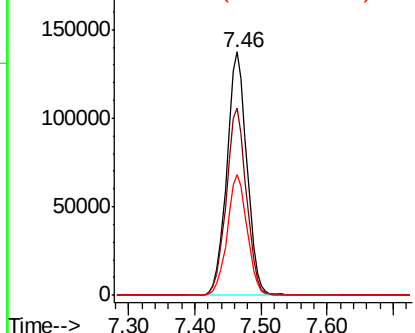
#39
Methylcyclohexane
Concen: 49.280 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	49.7	38.6	57.8

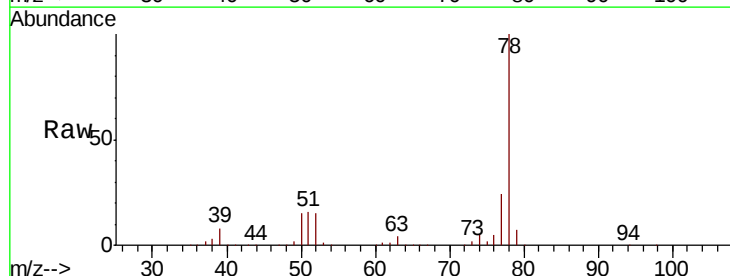


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

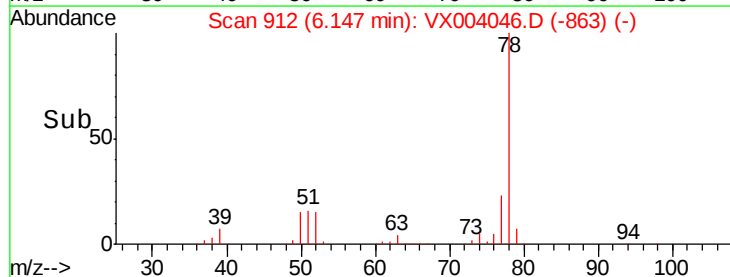
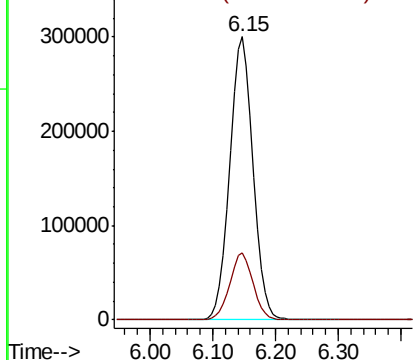


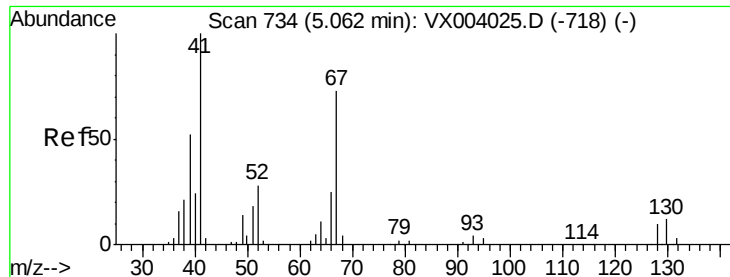
#40
Benzene
Concen: 49.379 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4



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





#41

Methacrylonitrile

Concen: 47.062 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 41 Resp: 148934

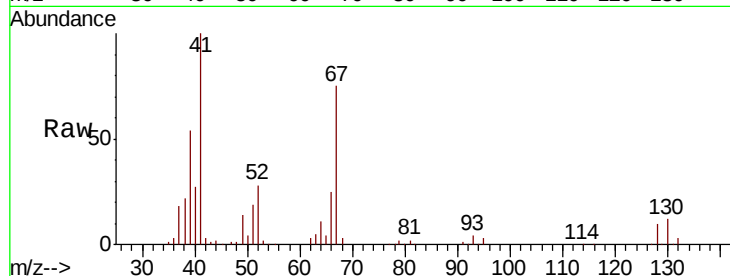
Ion Ratio Lower Upper

41 100

39 53.1 42.7 64.1

67 74.5 58.9 88.3

52 29.6 22.6 33.8

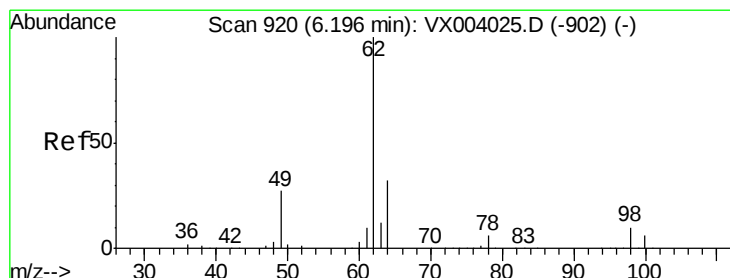
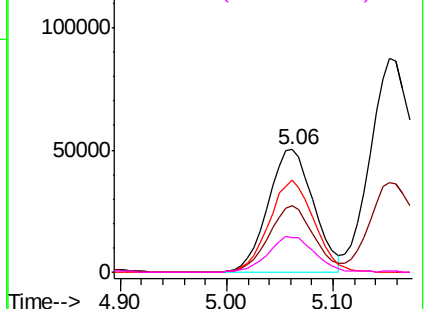
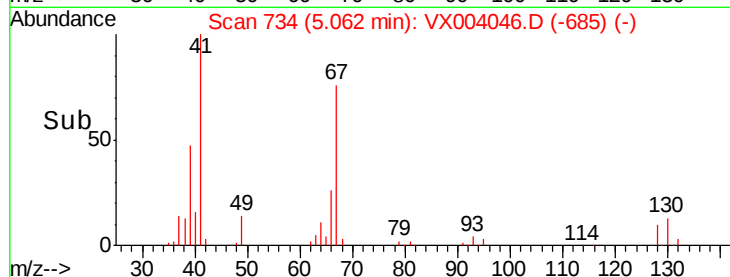


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.975 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.01 min

Lab File: VX004046.D

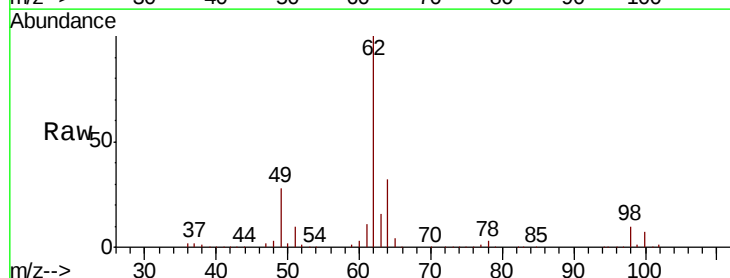
Acq: 14 Aug 2018 23:29

Tgt Ion: 62 Resp: 267111

Ion Ratio Lower Upper

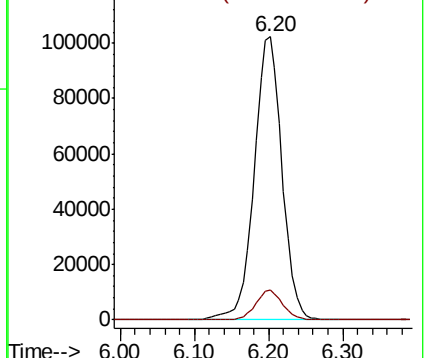
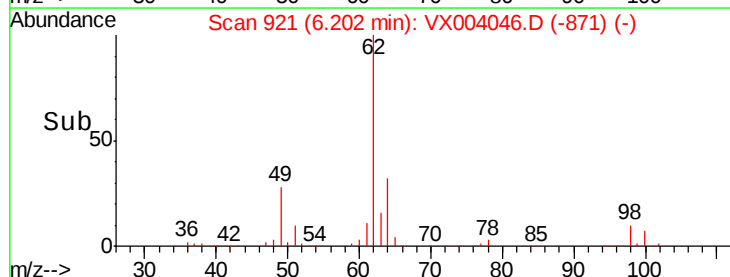
62 100

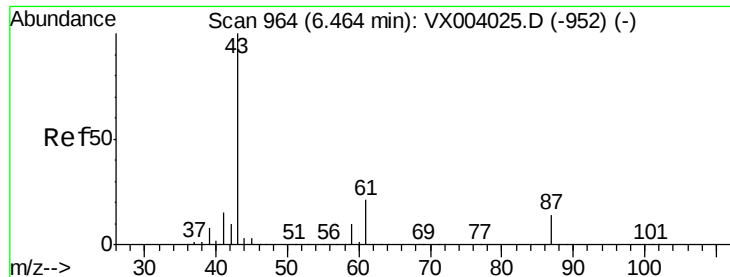
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.346 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

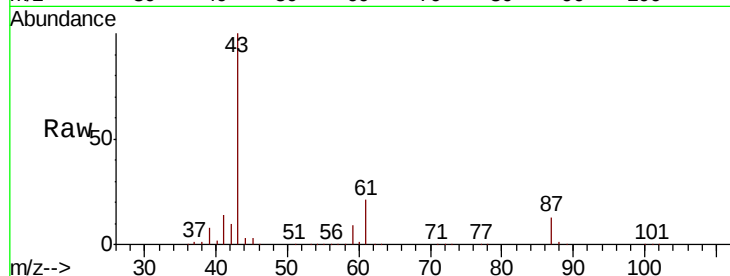
Tgt Ion: 43 Resp: 427662

Ion Ratio Lower Upper

43 100

61 21.1 16.9 25.3

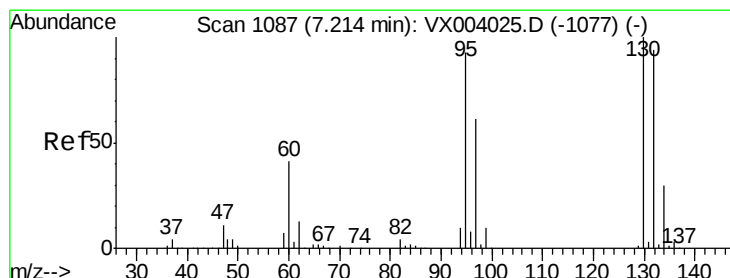
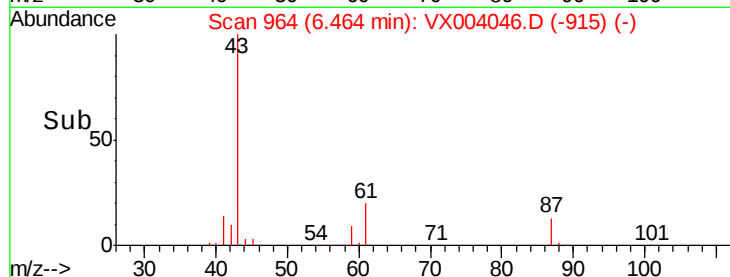
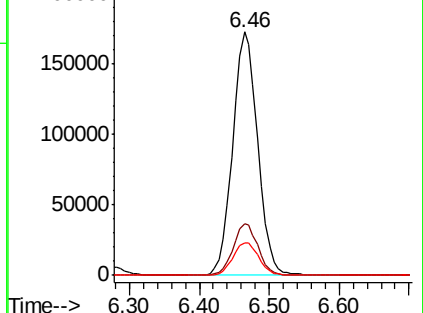
87 13.9 11.3 16.9



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: 48.400 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004046.D

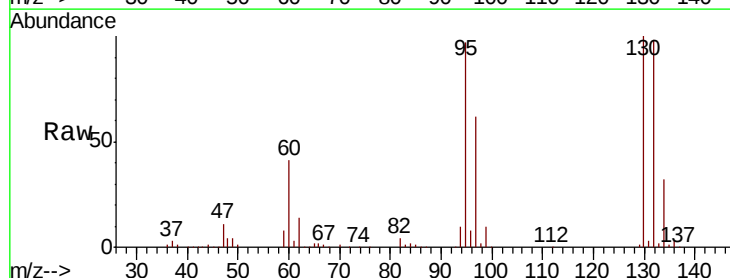
Acq: 14 Aug 2018 23:29

Tgt Ion: 130 Resp: 204728

Ion Ratio Lower Upper

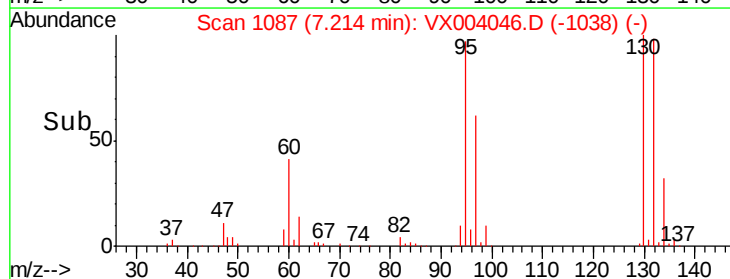
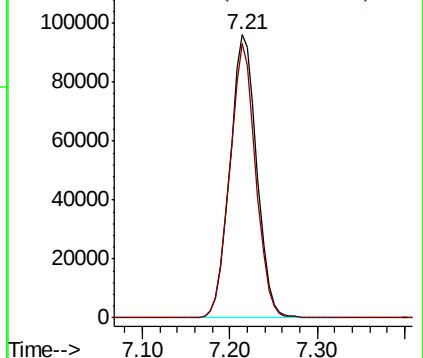
130 100

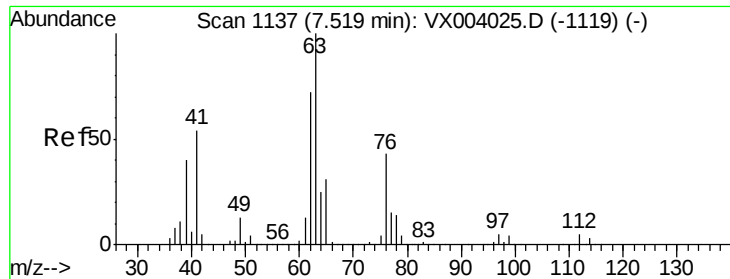
95 97.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

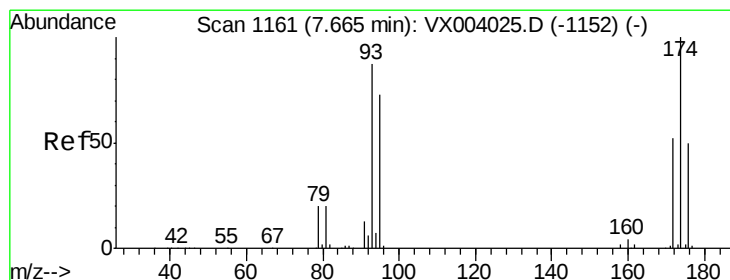
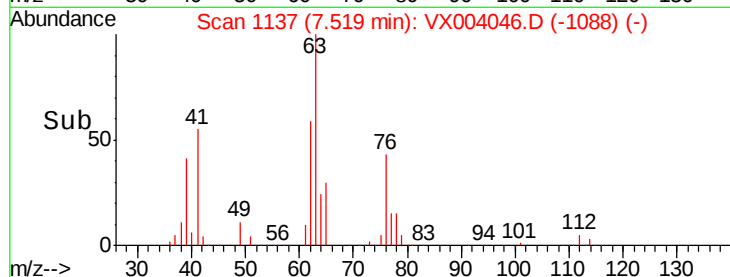
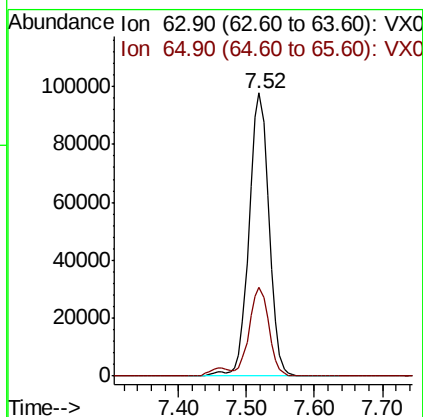
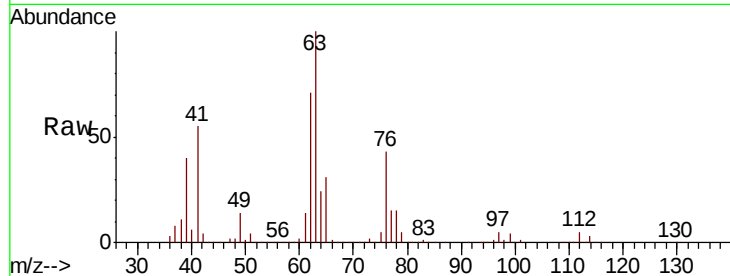




#45
 1,2-Dichloropropane
 Concen: 50.126 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

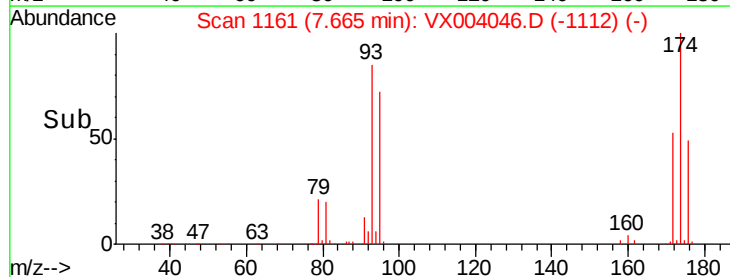
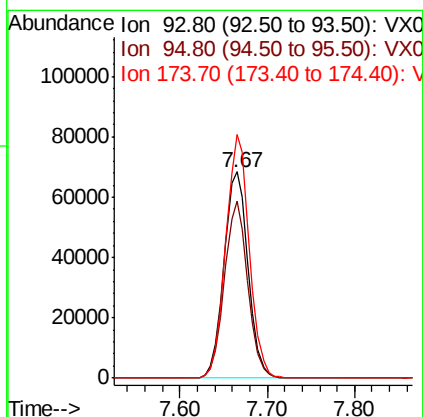
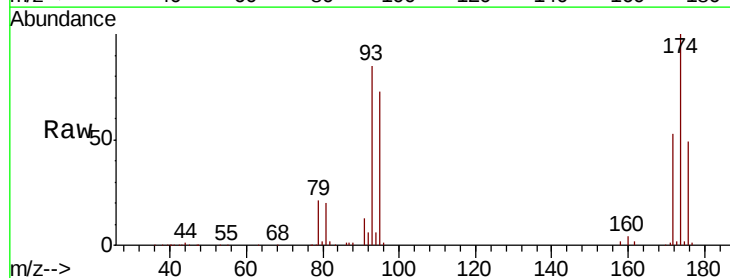
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

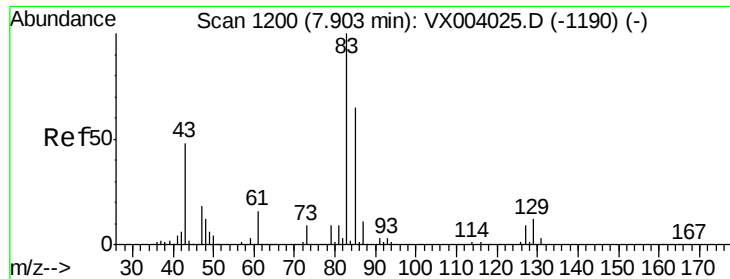
Tgt Ion: 63 Resp: 199939
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8



#46
 Dibromomethane
 Concen: 49.804 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 93 Resp: 129822
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 115.6 94.3 141.5

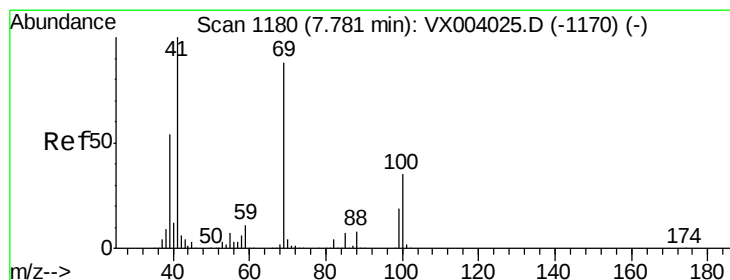
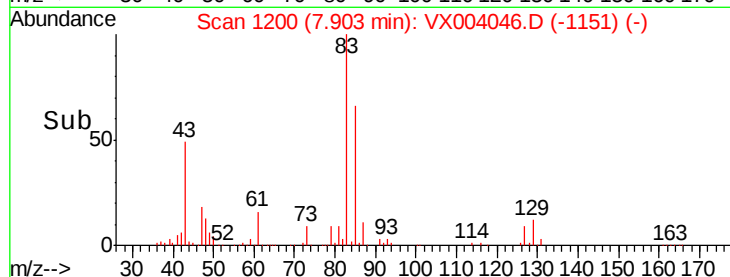
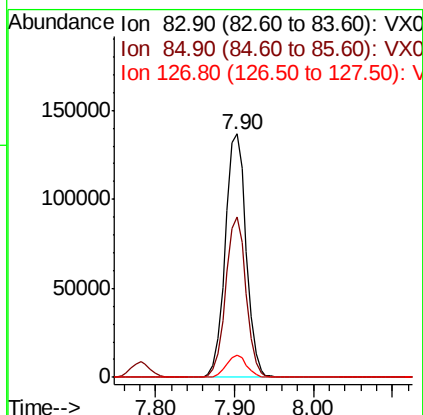
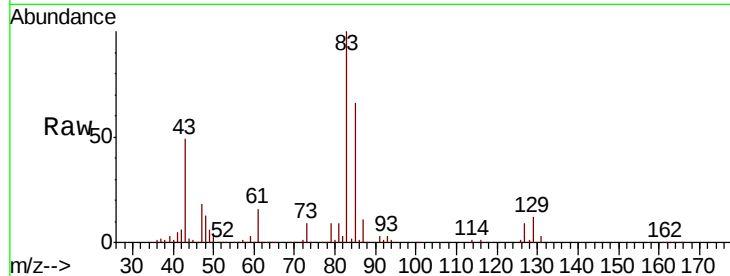




#47
 Bromodichloromethane
 Concen: 50.866 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

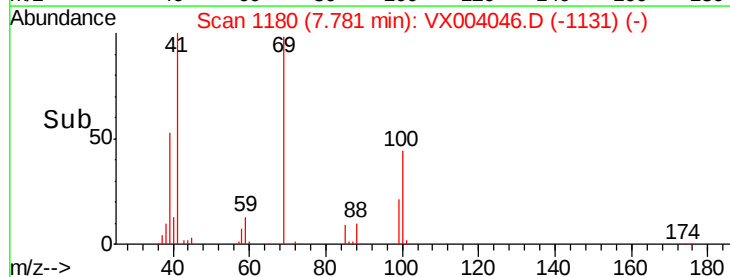
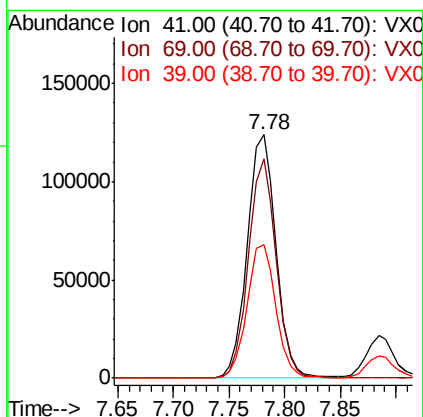
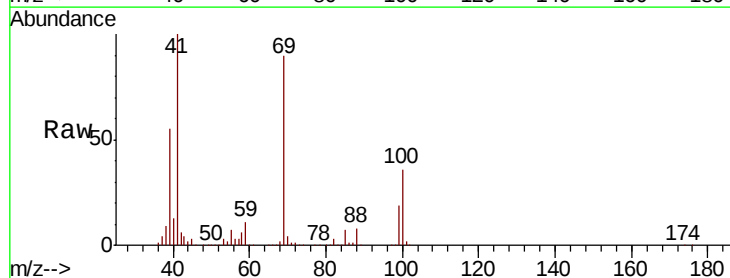
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

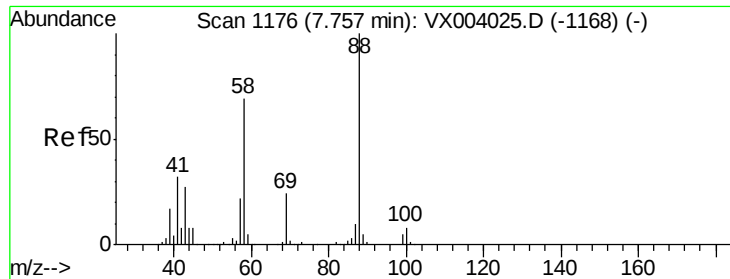
Tgt Ion: 83 Resp: 251116
 Ion Ratio Lower Upper
 83 100
 85 65.9 51.2 76.8
 127 9.1 7.2 10.8



#48
 Methyl methacrylate
 Concen: 53.099 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 41 Resp: 222630
 Ion Ratio Lower Upper
 41 100
 69 87.5 68.8 103.2
 39 54.9 42.3 63.5

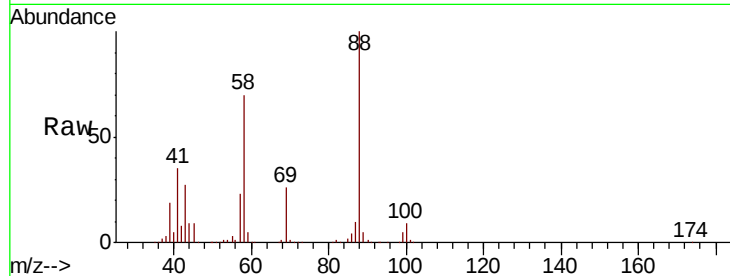




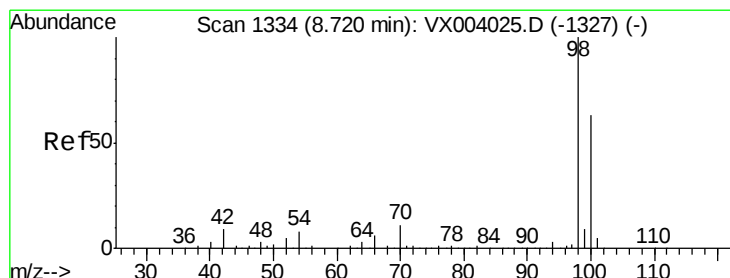
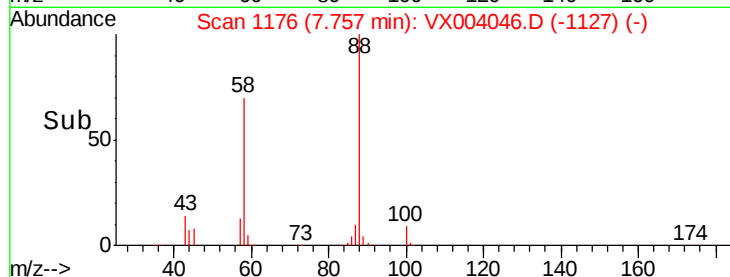
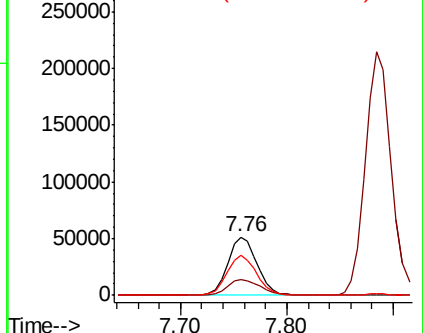
#49
 1,4-Dioxane
 Concen: 1045.086 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 88 Resp: 98653
 Ion Ratio Lower Upper
 88 100
 43 31.2 23.8 35.8
 58 70.7 55.4 83.0

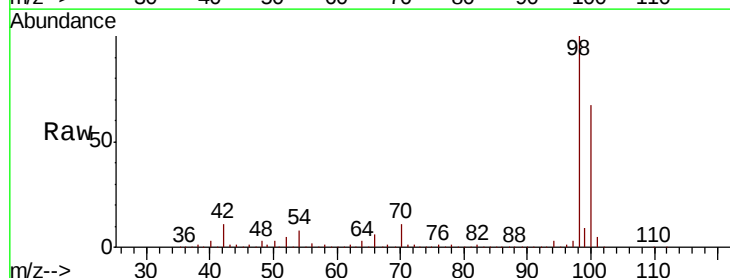


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

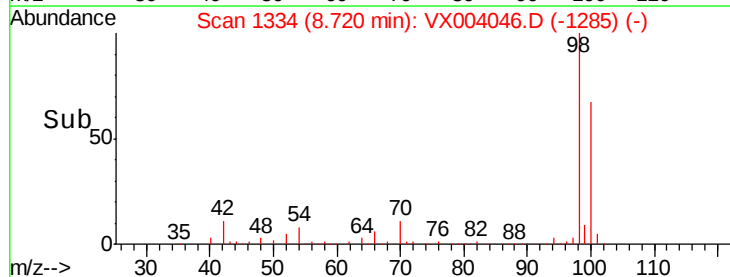
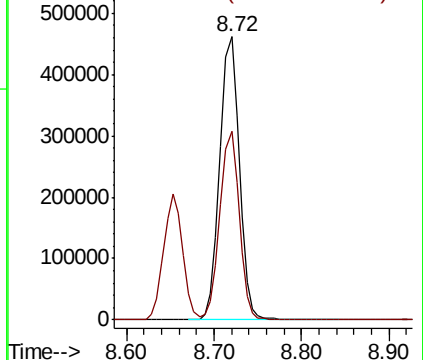


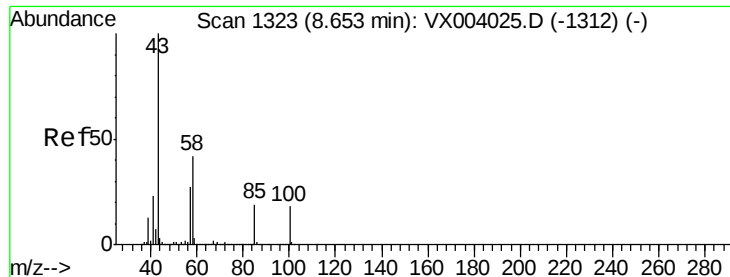
#50
 Toluene-d8
 Concen: 51.766 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 98 Resp: 716276
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9



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

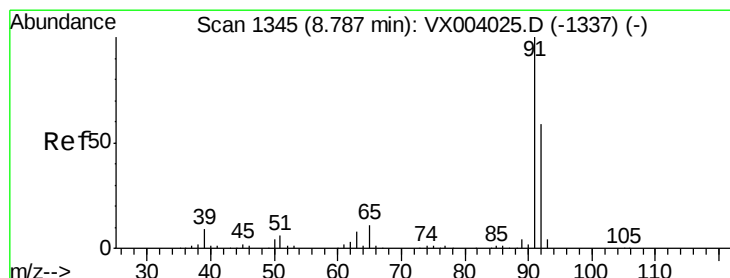
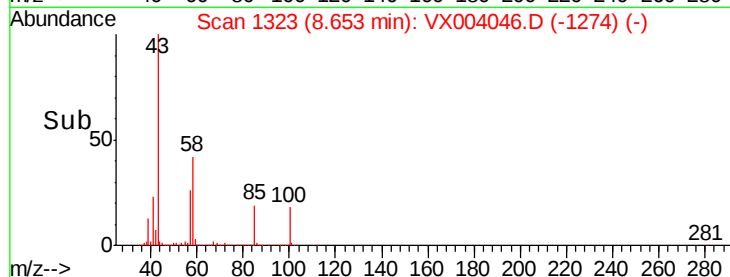
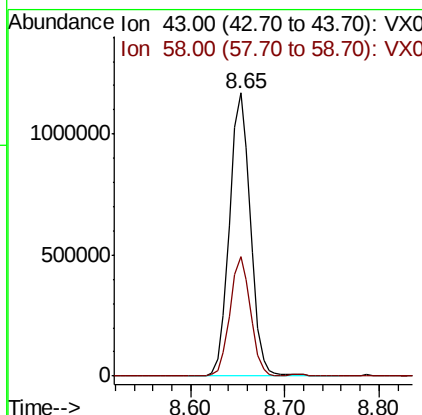
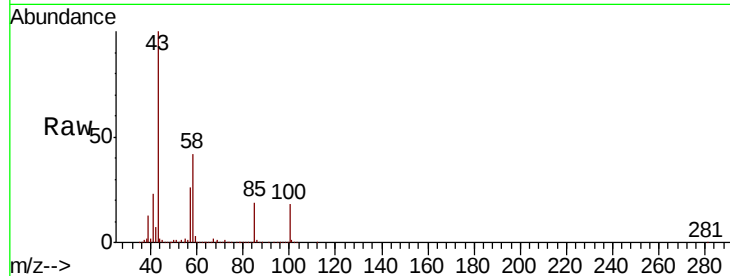




#51
 4-Methyl-2-Pentanone
 Concen: 265.333 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

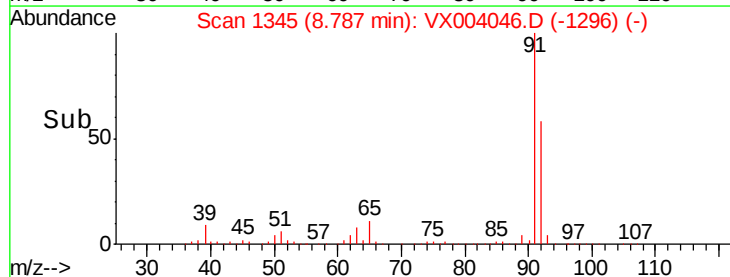
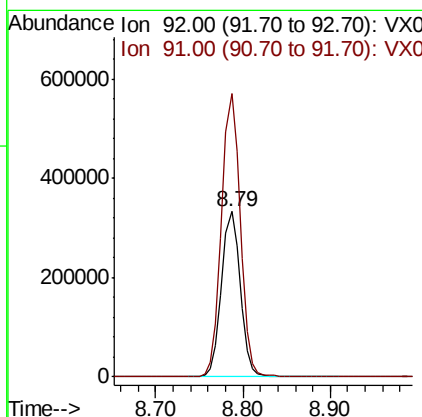
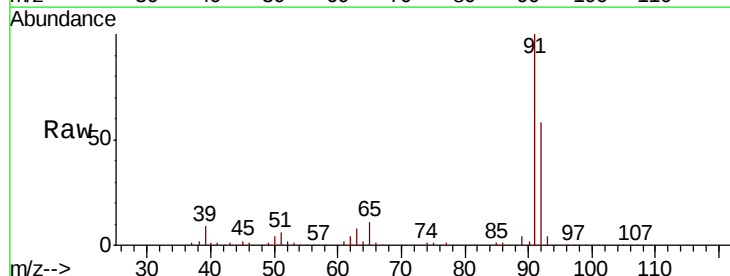
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

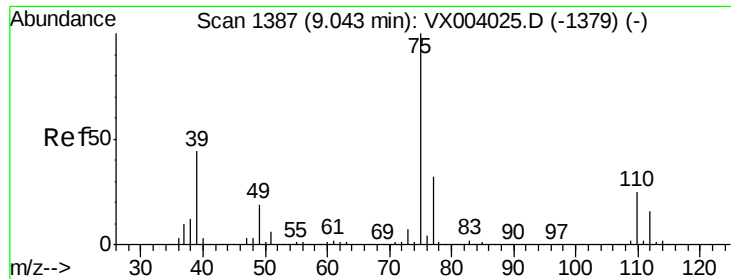
Tgt Ion: 43 Resp: 1812057
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.6



#52
 Toluene
 Concen: 50.426 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 92 Resp: 496900
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.1 204.1

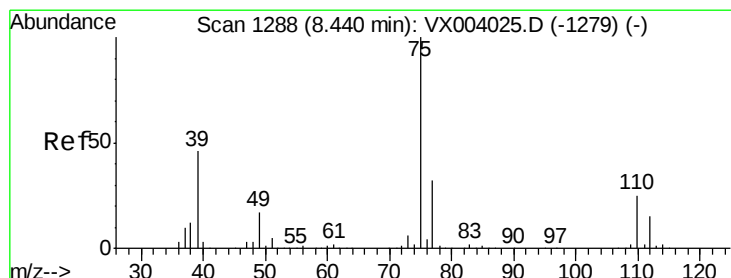
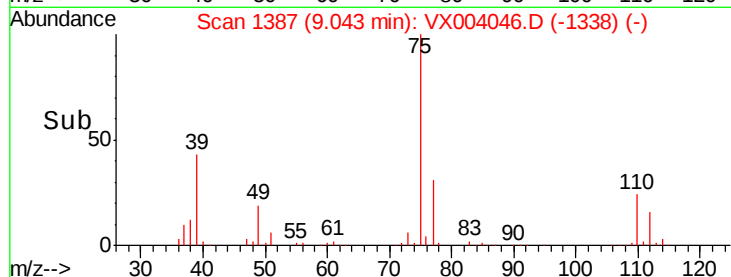
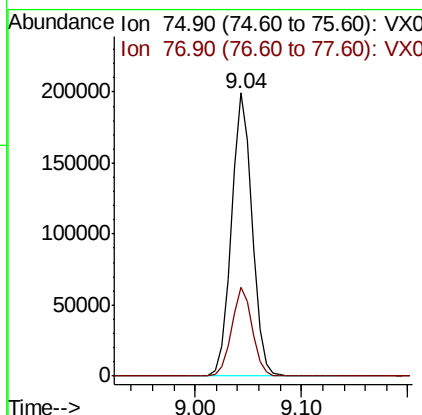
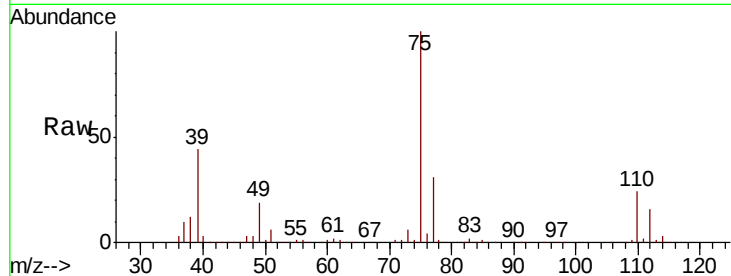




#53
 t-1,3-Dichloropropene
 Concen: 50.965 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

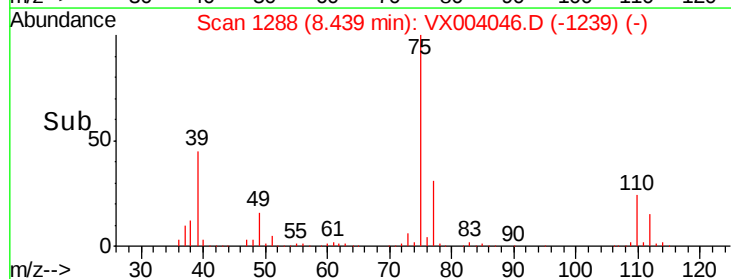
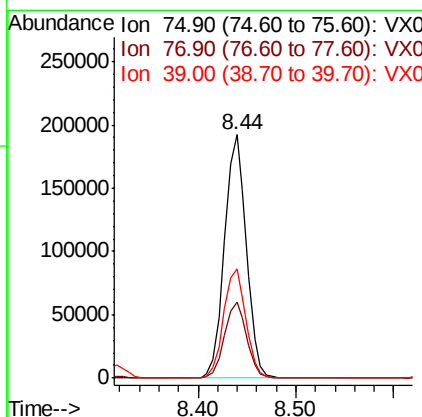
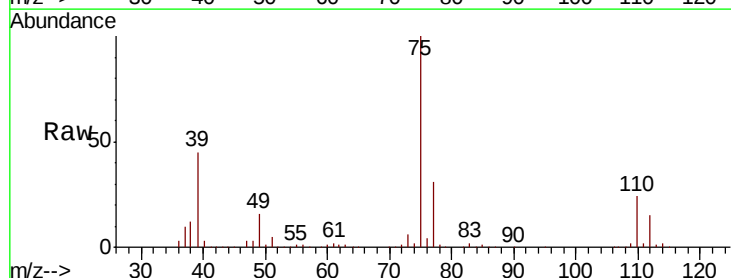
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

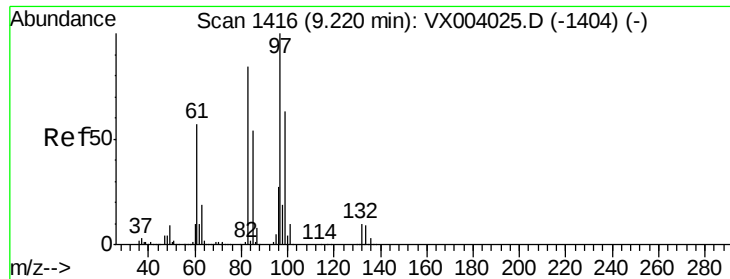
Tgt Ion: 75 Resp: 271811
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.289 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 75 Resp: 297023
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 44.7 36.2 54.2

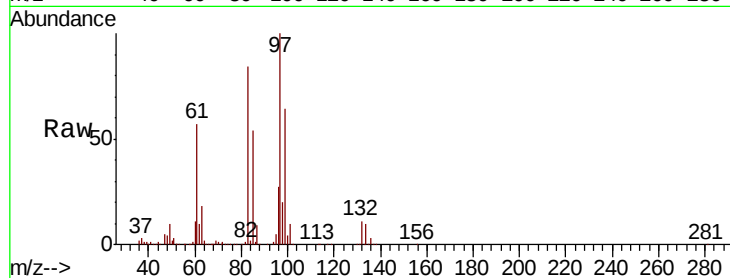




#55
 1,1,2-Trichloroethane
 Concen: 49.553 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:	97	Resp:	201646
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.6
85	54.2	44.2	66.2
99	63.6	50.8	76.2



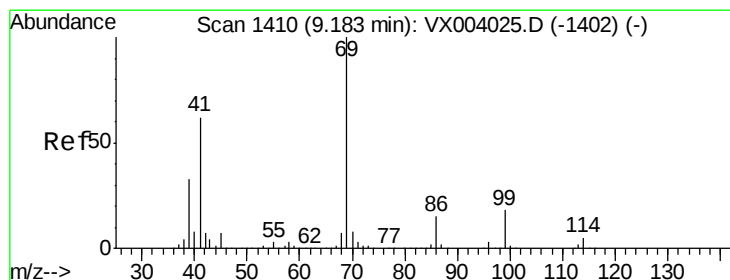
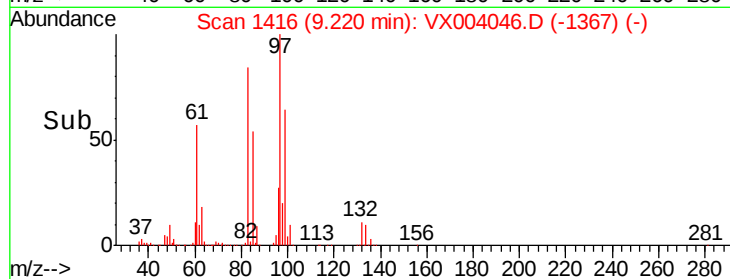
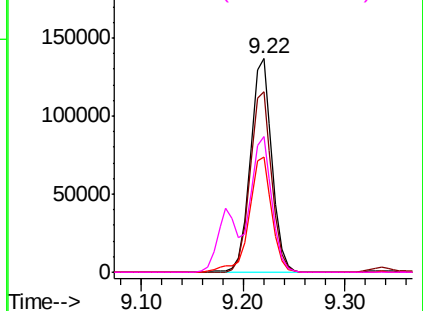
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

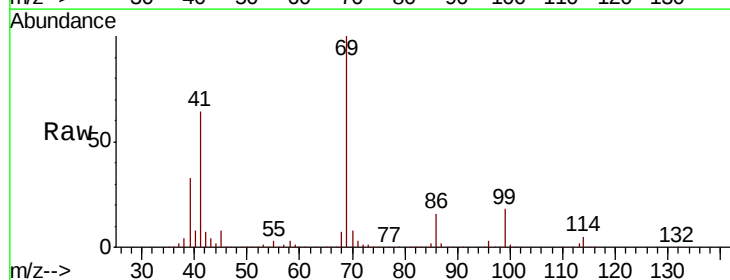
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.756 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion:	69	Resp:	297463
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.6	76.0
39	33.0	25.8	38.6

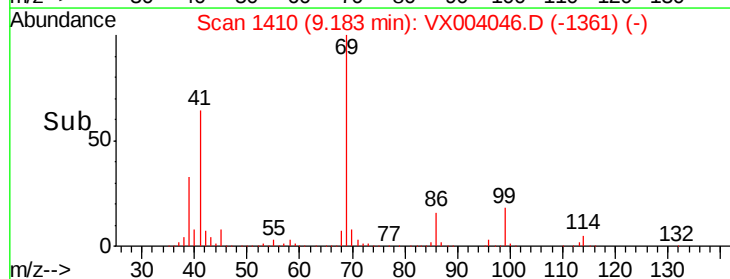
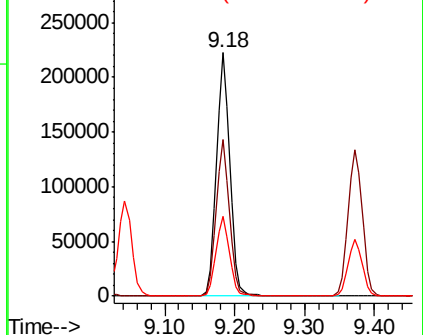


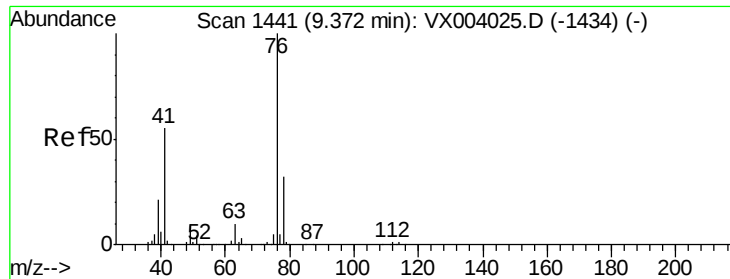
Abundance

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

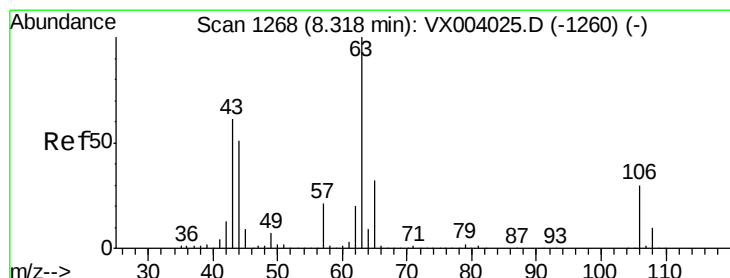
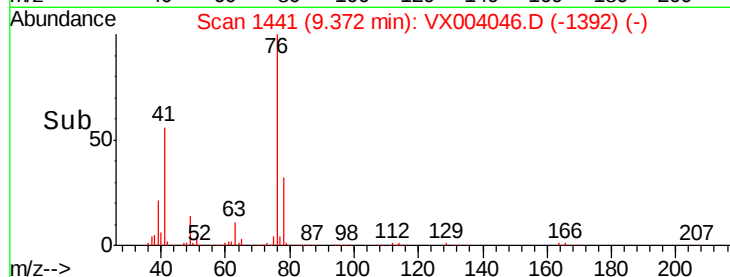
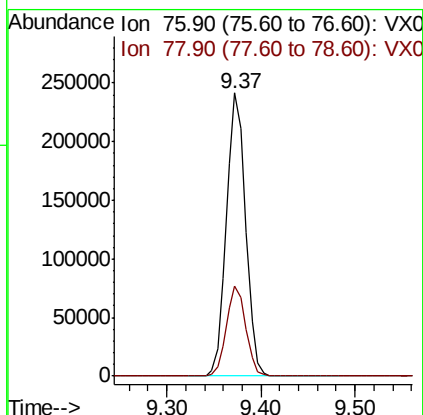
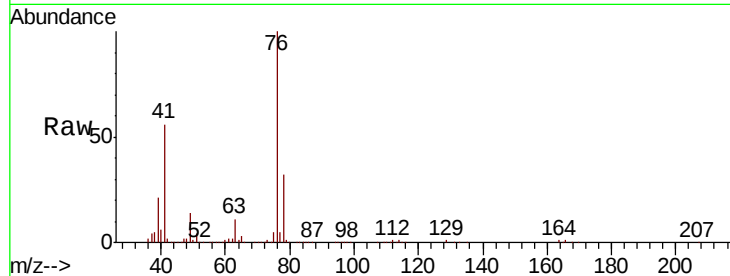




#57
 1,3-Dichloropropane
 Concen: 50.643 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

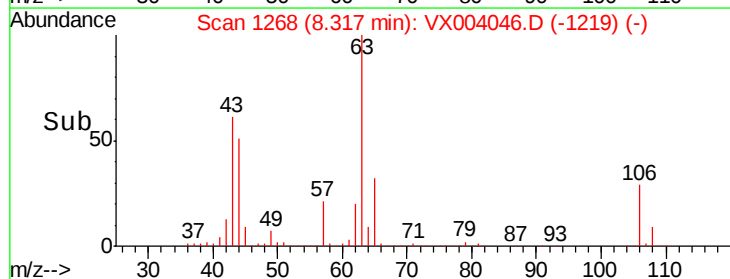
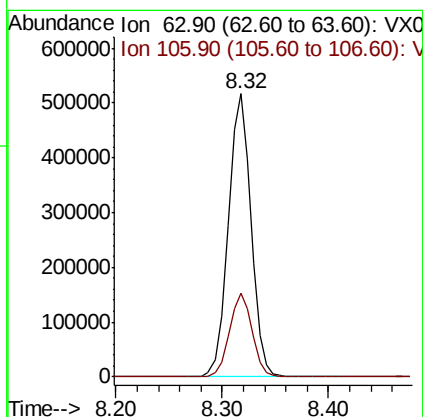
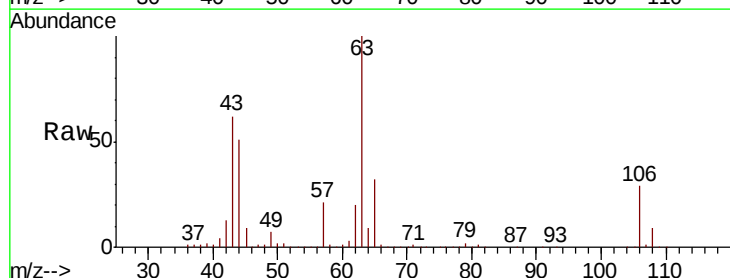
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

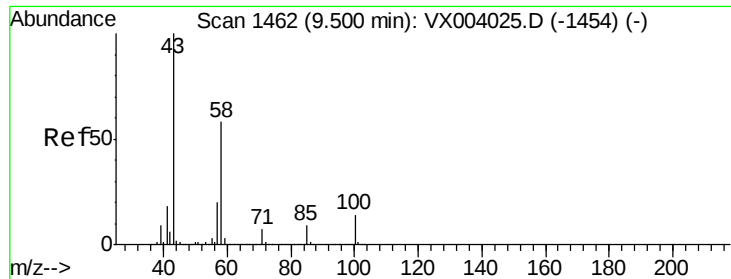
Tgt Ion: 76 Resp: 341923
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.713 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 63 Resp: 771253
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.8

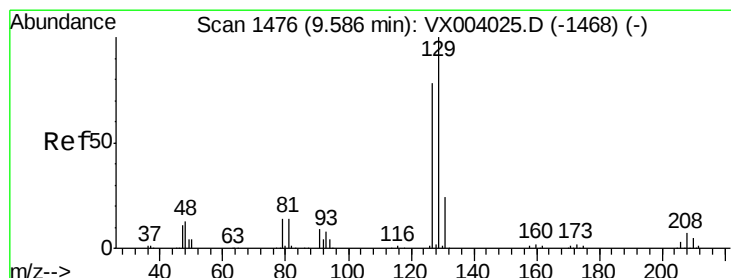
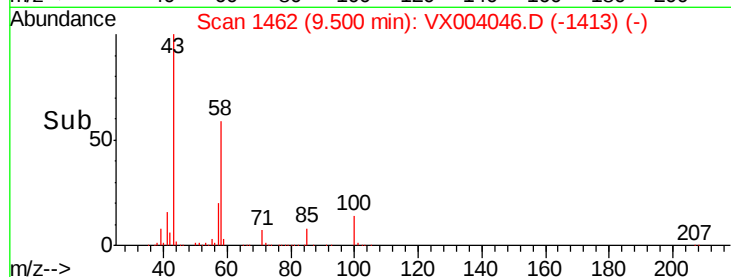
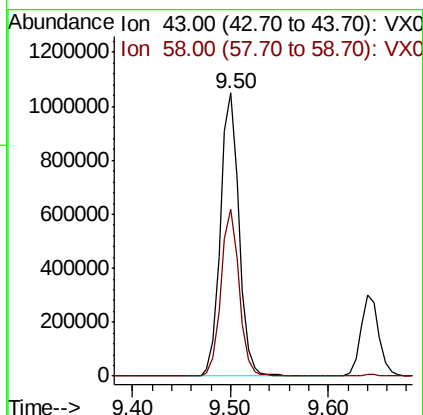
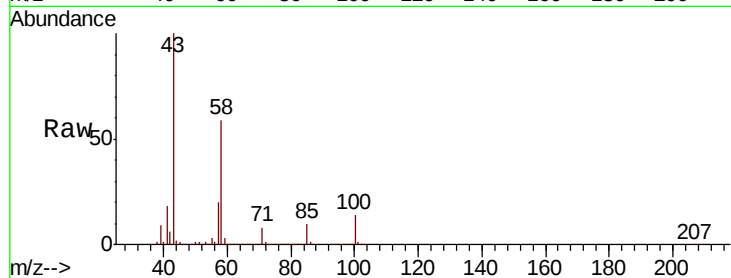




#59
2-Hexanone
Concen: 269.235 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

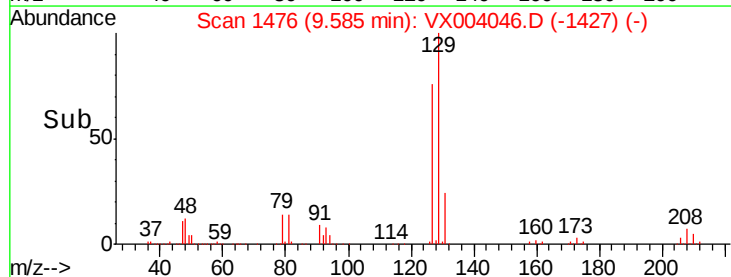
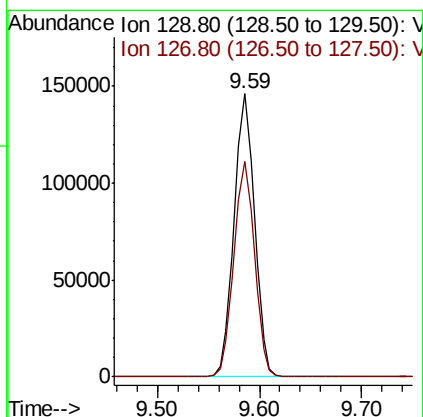
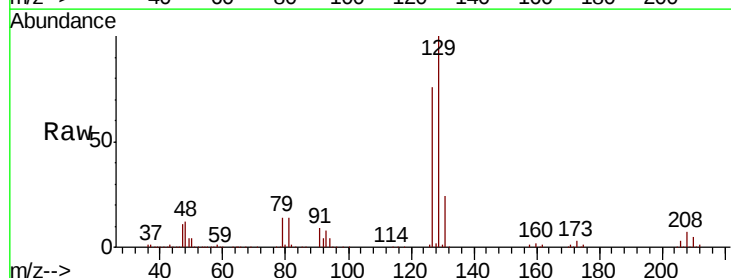
Instrument :
MSVOA_X
ClientSampleId :
BFB

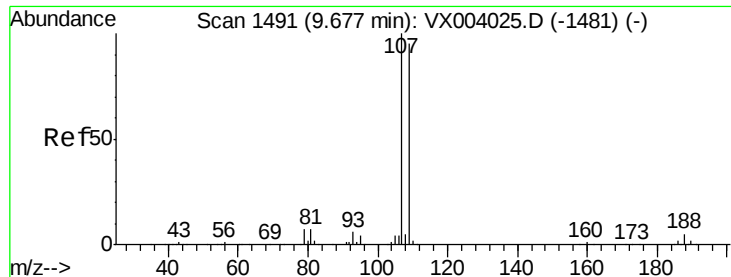
Tgt Ion: 43 Resp: 1383827
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 51.660 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion: 129 Resp: 202303
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.842 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

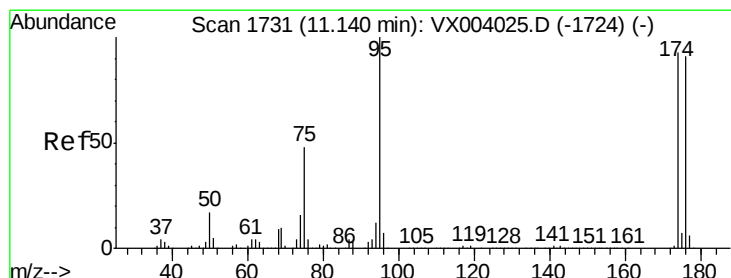
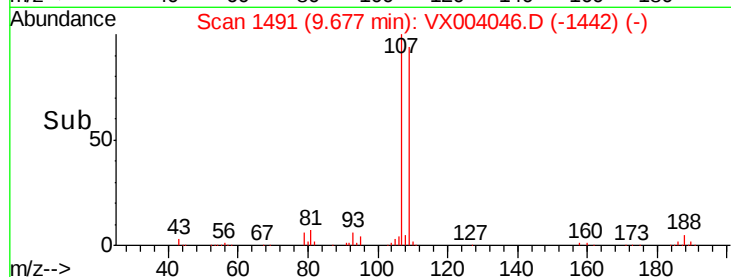
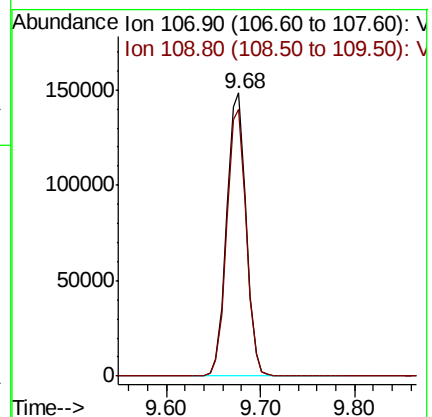
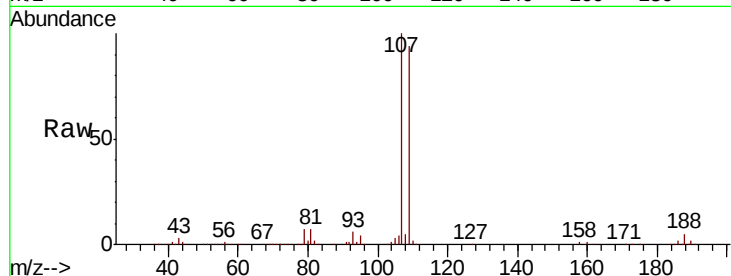
BFB

Tgt Ion: 107 Resp: 210911

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 52.749 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

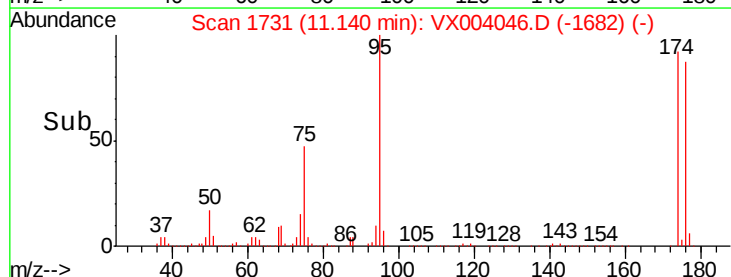
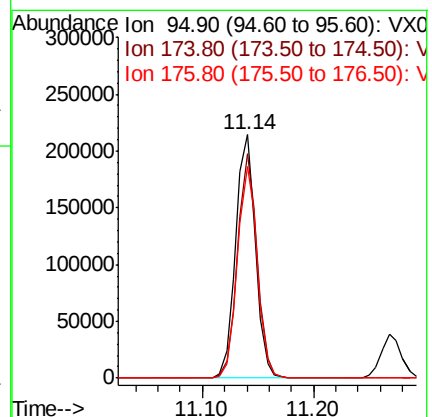
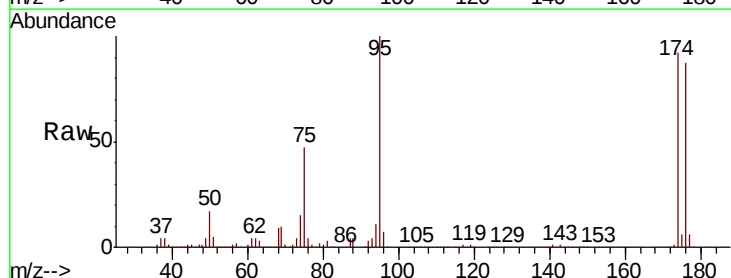
Tgt Ion: 95 Resp: 264725

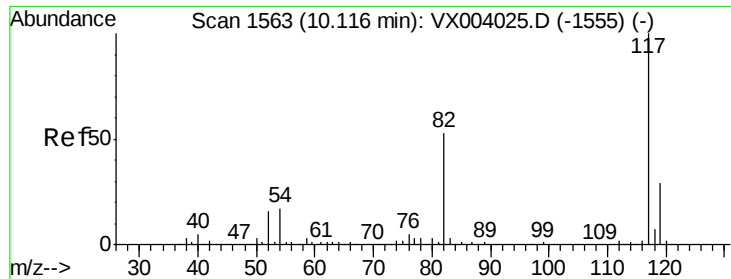
Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.8

176 87.2 0.0 179.0

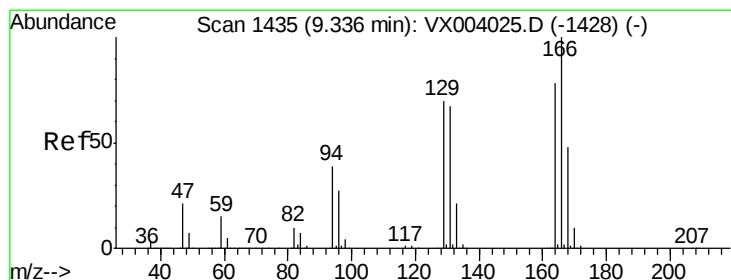
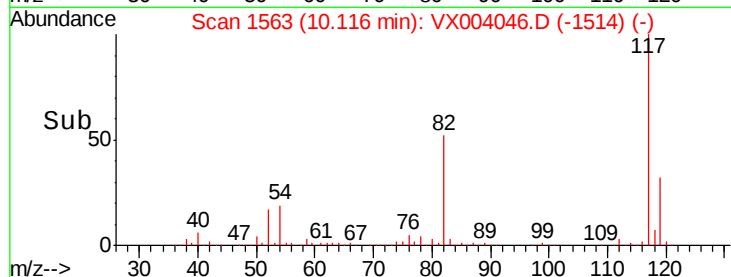
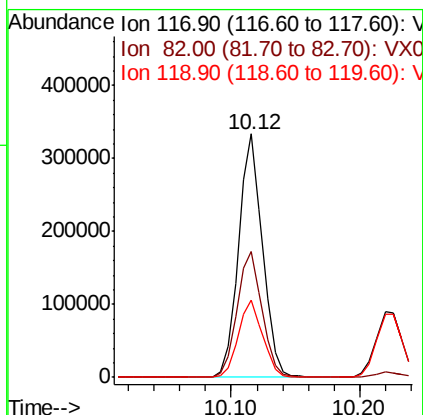
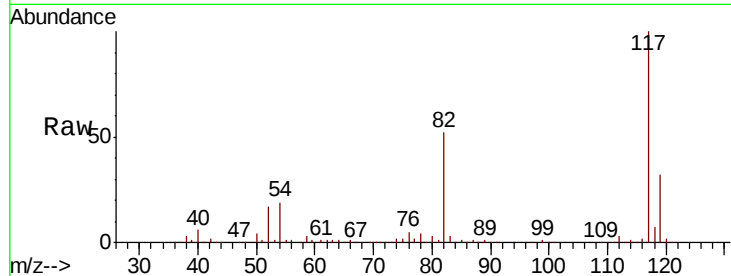




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

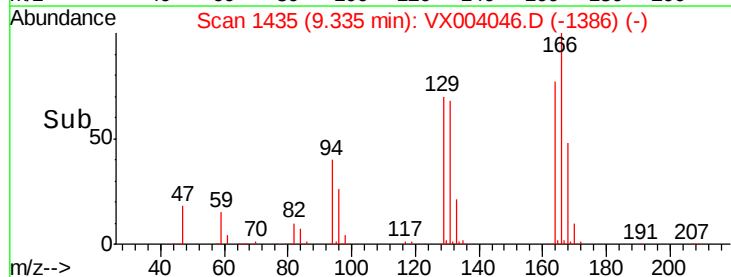
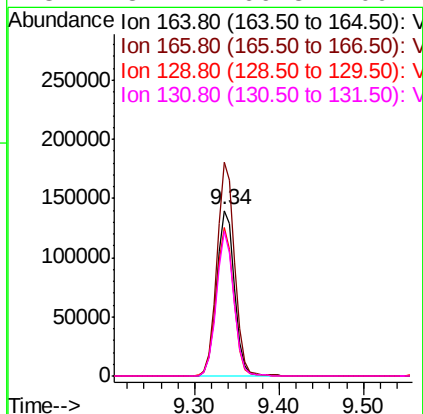
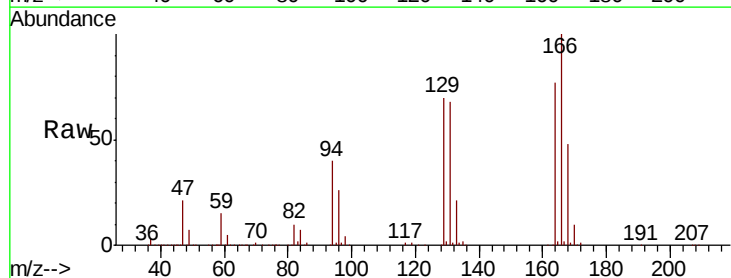
Instrument :
MSVOA_X
ClientSampled :
BFB

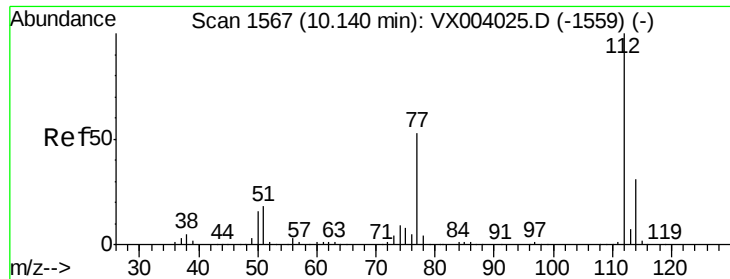
Tgt Ion:117 Resp: 428675
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 31.9 26.6 40.0



#64
Tetrachloroethene
Concen: 50.464 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion:164 Resp: 205032
Ion Ratio Lower Upper
164 100
166 129.1 98.0 147.0
129 90.0 64.3 96.5
131 87.2 66.8 100.2

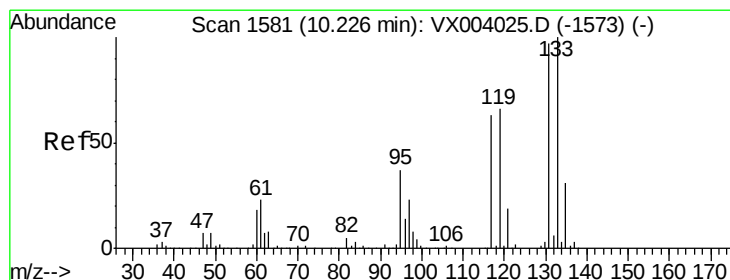
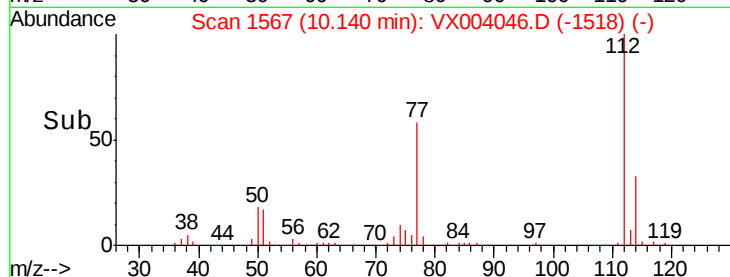
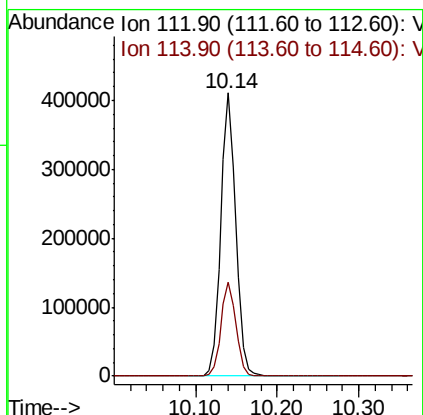
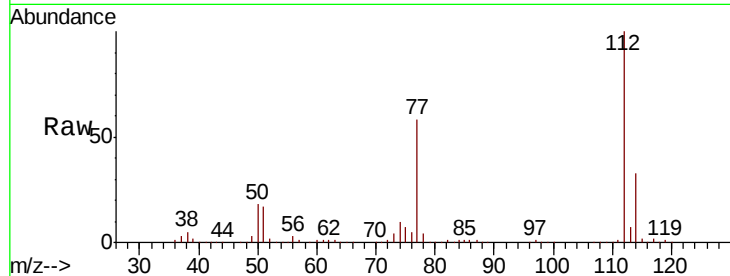




#65
Chlorobenzene
Concen: 47.834 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

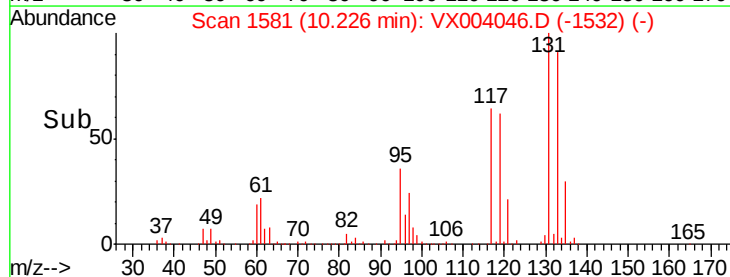
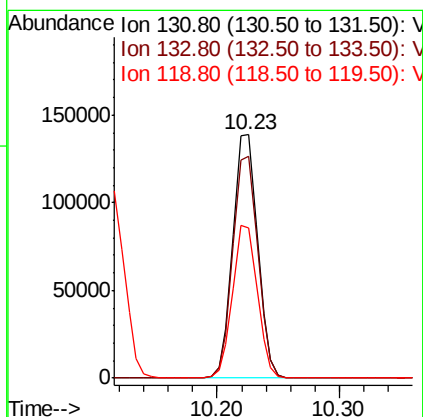
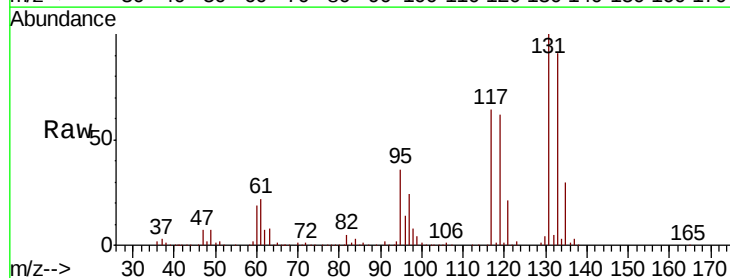
Instrument :
MSVOA_X
ClientSampled :
BFB

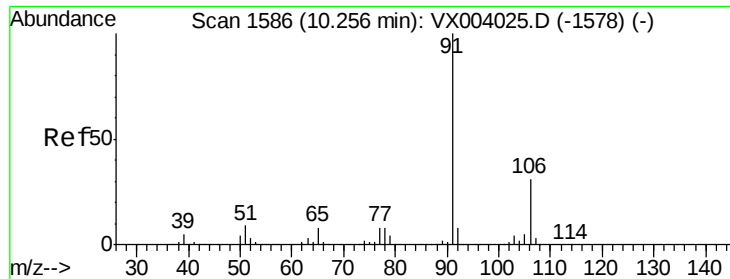
Tgt Ion:112 Resp: 529676
Ion Ratio Lower Upper
112 100
114 33.4 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.618 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion:131 Resp: 194946
Ion Ratio Lower Upper
131 100
133 92.1 47.3 141.8
119 62.6 31.6 94.8





#67

Ethyl Benzene

Concen: 52.071 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

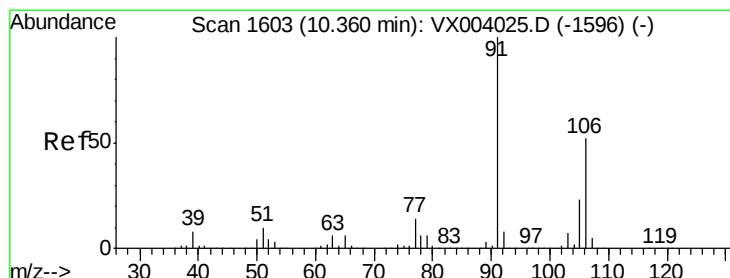
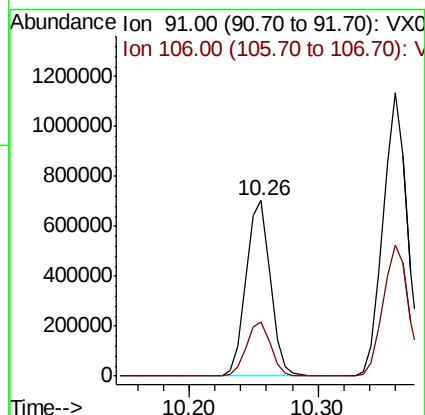
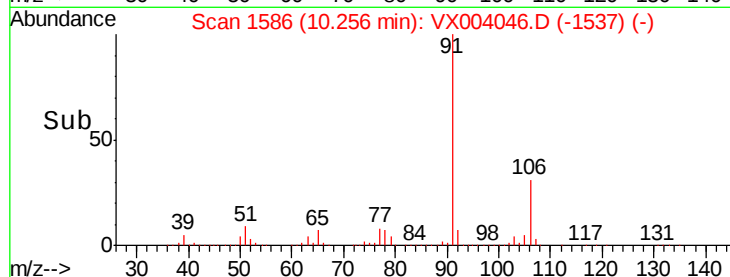
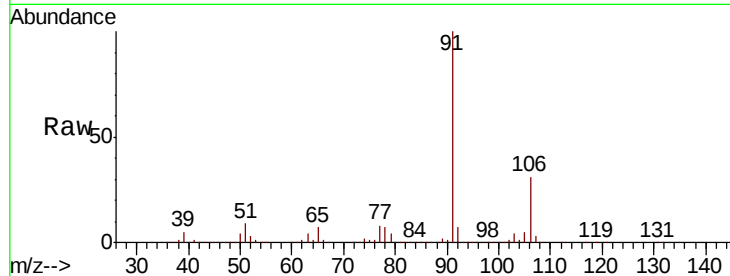
BFB

Tgt Ion: 91 Resp: 913049

Ion Ratio Lower Upper

91 100

106 30.8 25.9 38.9



#68

m/p-Xylenes

Concen: 104.558 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004046.D

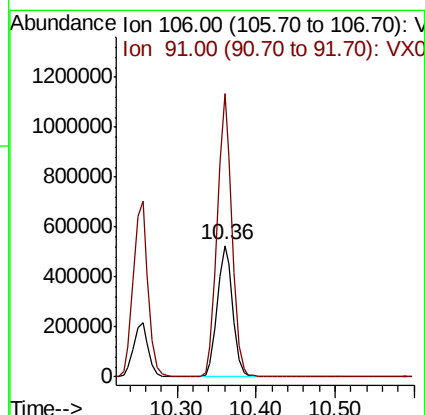
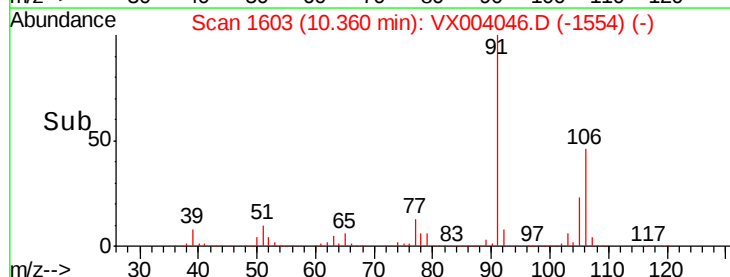
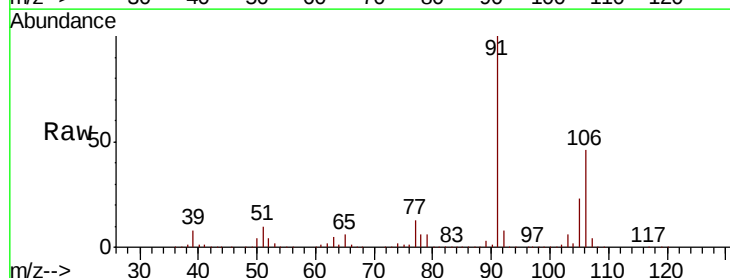
Acq: 14 Aug 2018 23:29

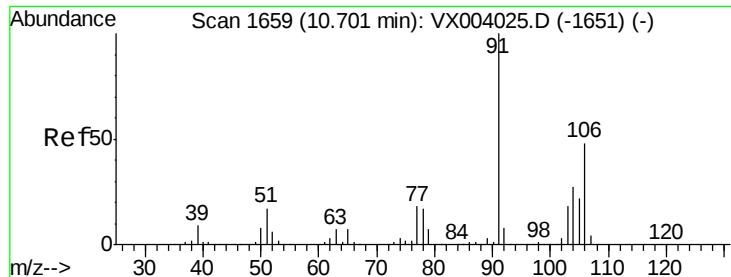
Tgt Ion: 106 Resp: 717939

Ion Ratio Lower Upper

106 100

91 205.2 162.3 243.5

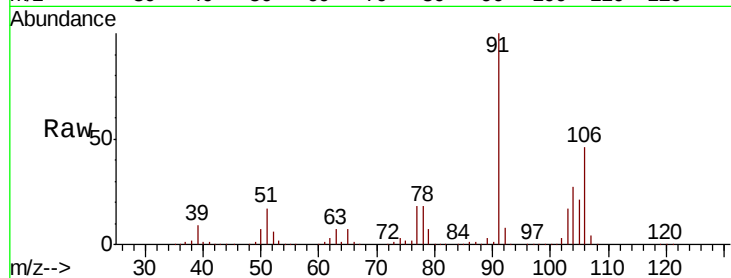




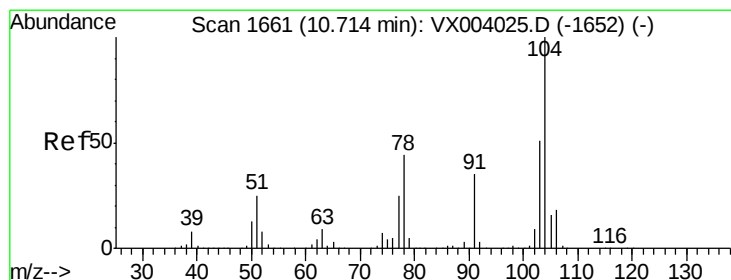
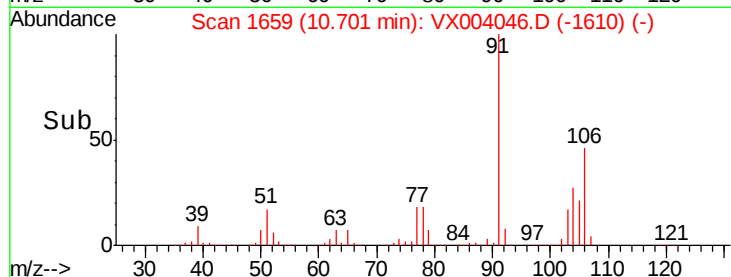
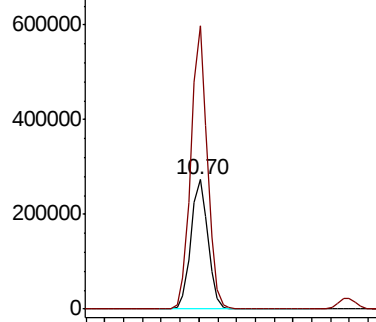
#69
o-Xylene
Concen: 52.666 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:106 Resp: 345599
Ion Ratio Lower Upper
106 100
91 210.1 101.9 305.7

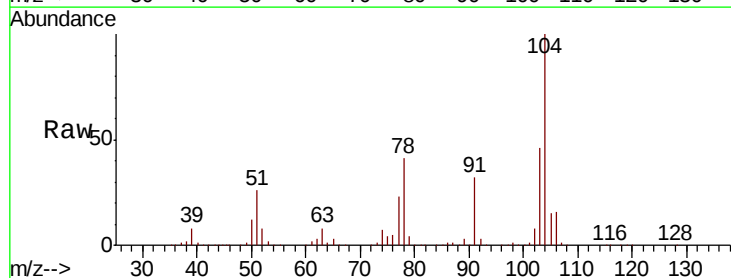


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

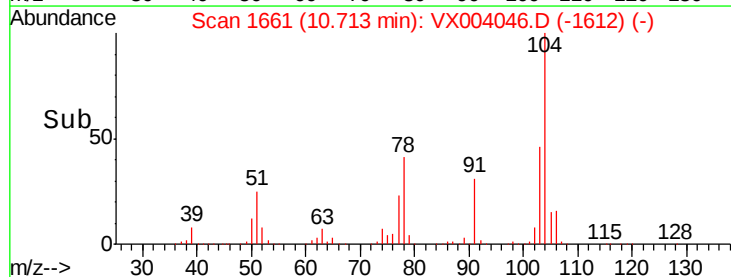
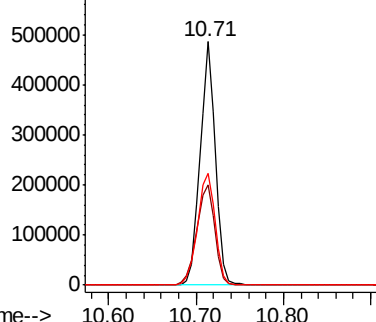


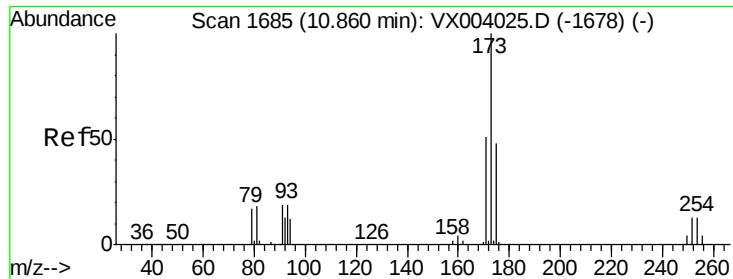
#70
Styrene
Concen: 53.418 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion:104 Resp: 589929
Ion Ratio Lower Upper
104 100
78 48.4 39.8 59.6
103 53.5 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

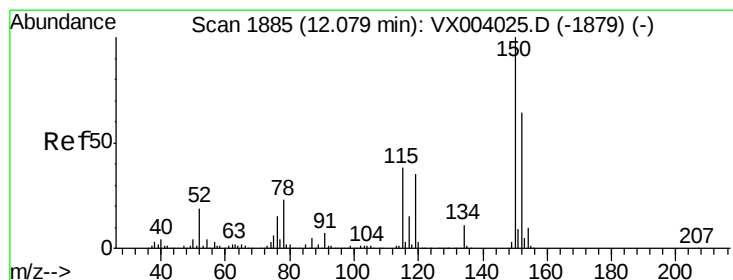
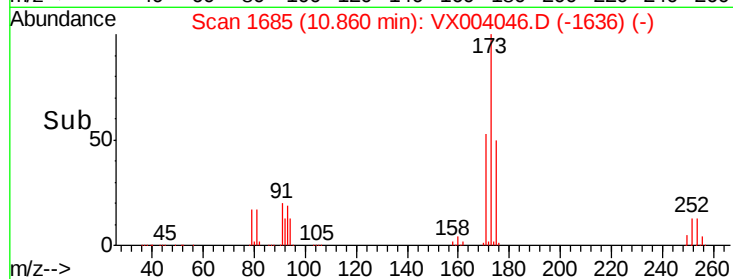
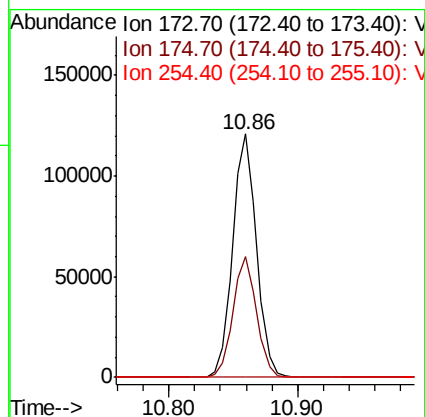
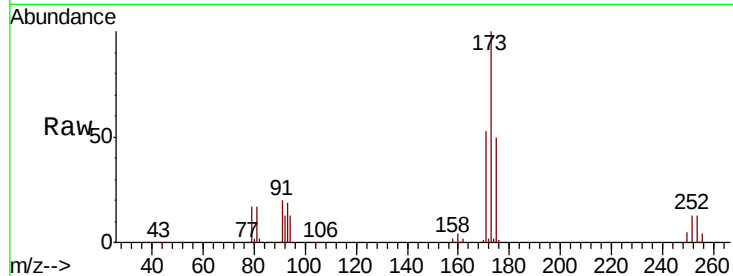




#71
Bromoform
Concen: 52.188 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

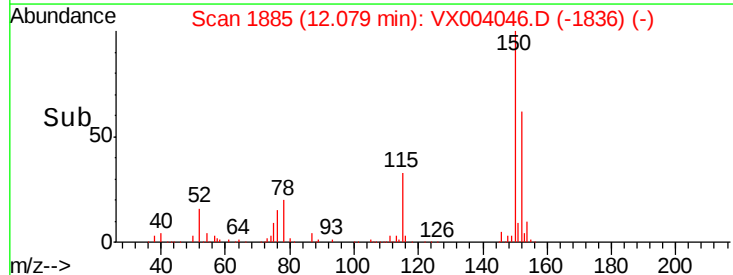
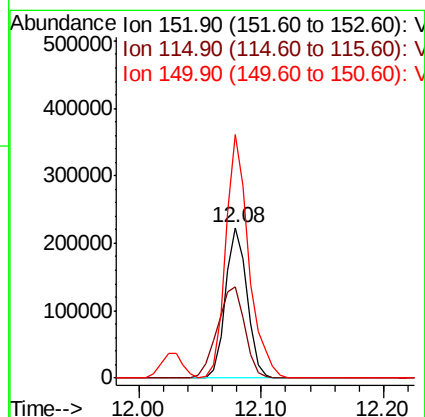
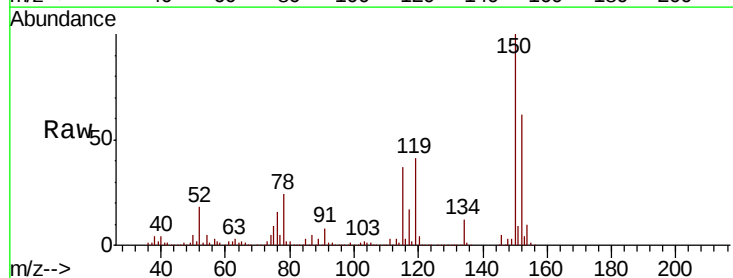
Instrument :
MSVOA_X
ClientSampleId :
BFB

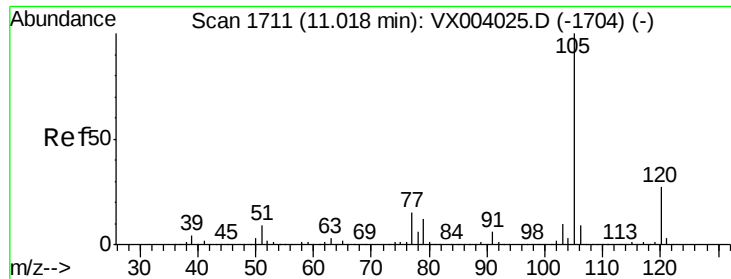
Tgt Ion:173 Resp: 156293
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion:152 Resp: 270768
Ion Ratio Lower Upper
152 100
115 78.0 39.1 117.3
150 173.4 0.0 349.2





#73

Isopropylbenzene

Concen: 52.026 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

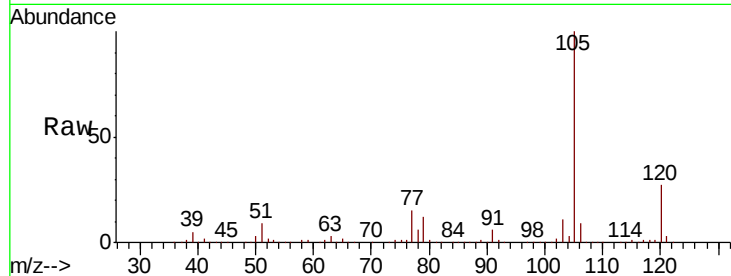
BFB

Tgt Ion:105 Resp: 953306

Ion Ratio Lower Upper

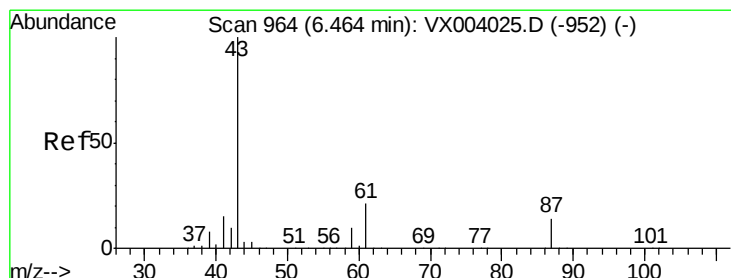
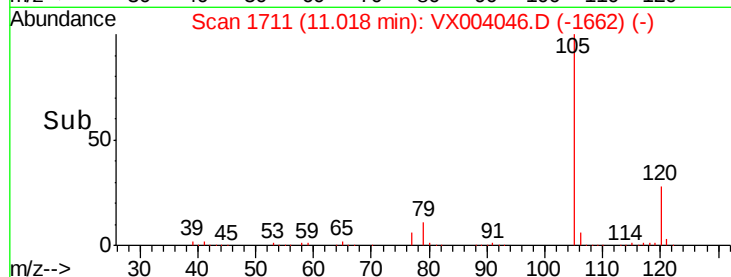
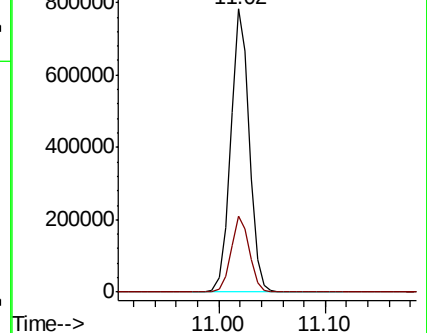
105 100

120 26.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.621 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Tgt Ion: 43 Resp: 427662

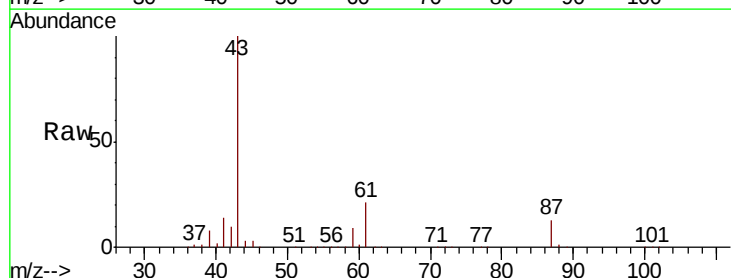
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1#

61 21.1 16.9 25.3

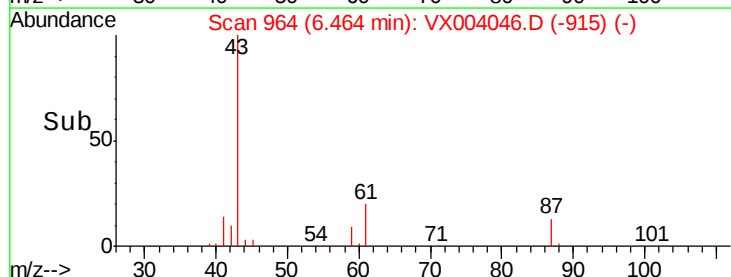
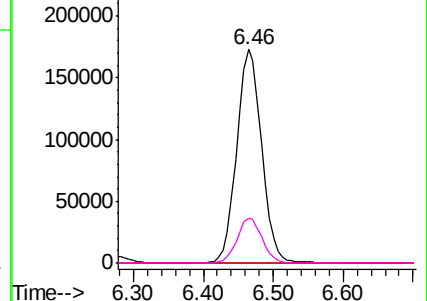


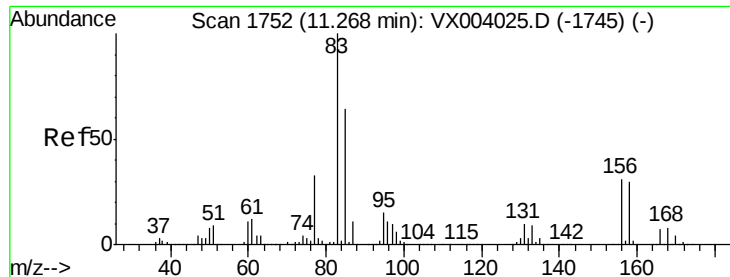
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.796 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

BFB

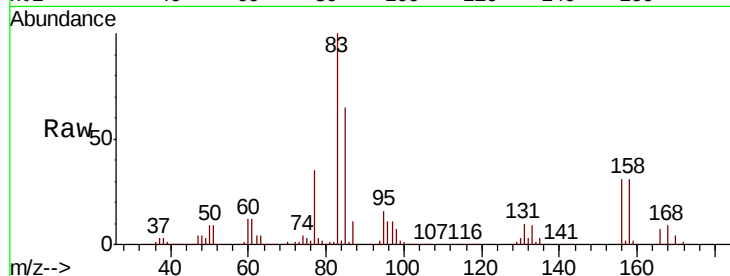
Tgt Ion: 83 Resp: 312241

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

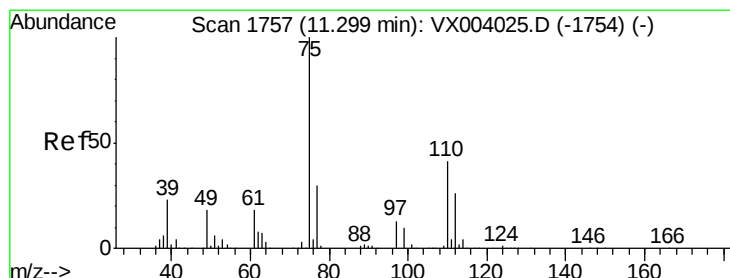
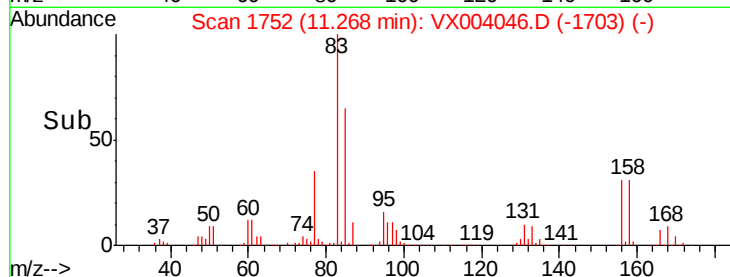
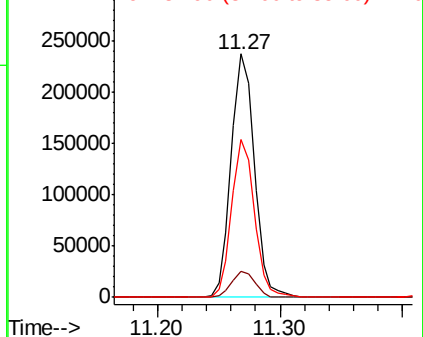
85 63.7 32.2 96.6



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: 63.912 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004046.D

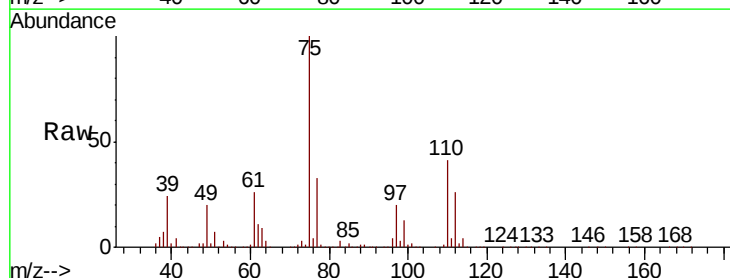
Acq: 14 Aug 2018 23:29

Tgt Ion: 75 Resp: 347047

Ion Ratio Lower Upper

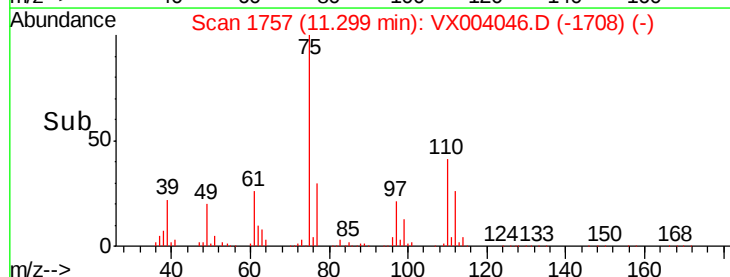
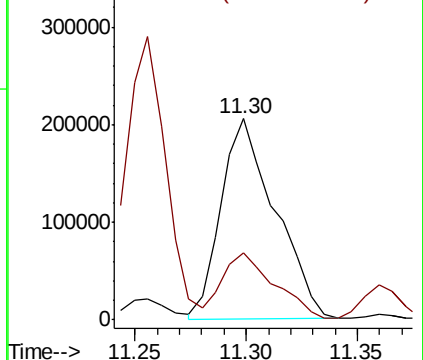
75 100

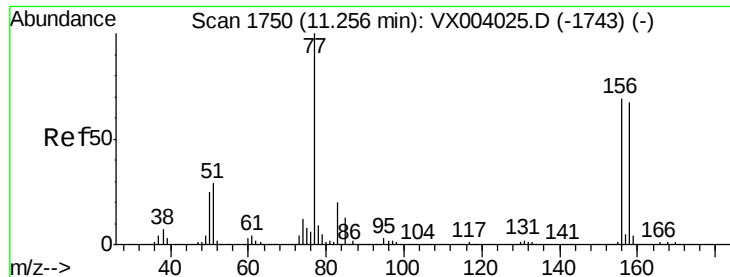
77 32.6 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.606 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

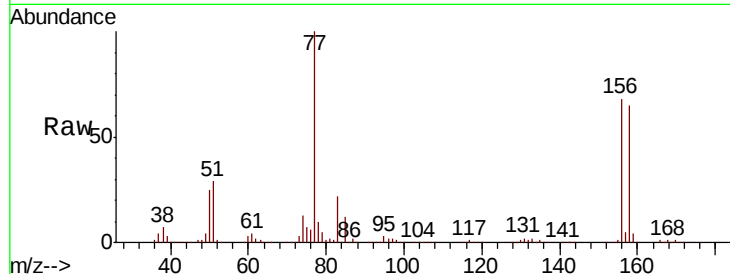
Tgt Ion:156 Resp: 250570

Ion Ratio Lower Upper

156 100

77 146.3 74.1 222.2

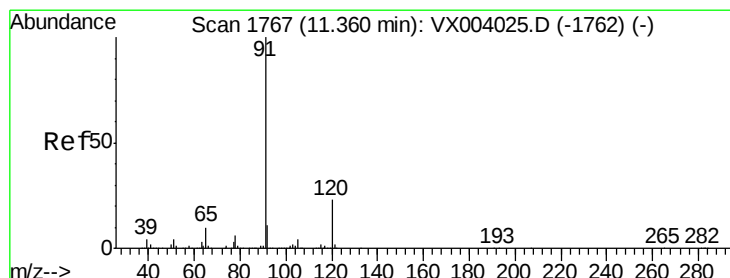
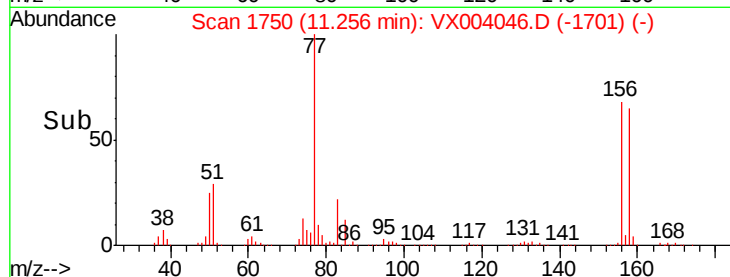
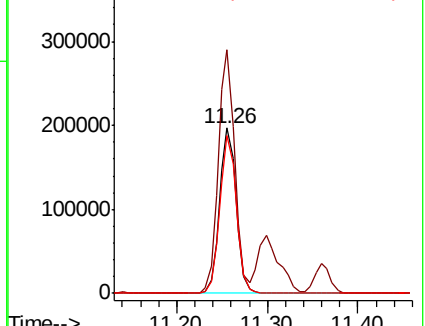
158 95.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.553 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004046.D

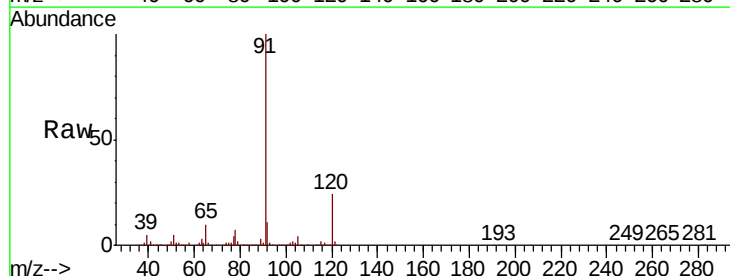
Acq: 14 Aug 2018 23:29

Tgt Ion: 91 Resp: 1077656

Ion Ratio Lower Upper

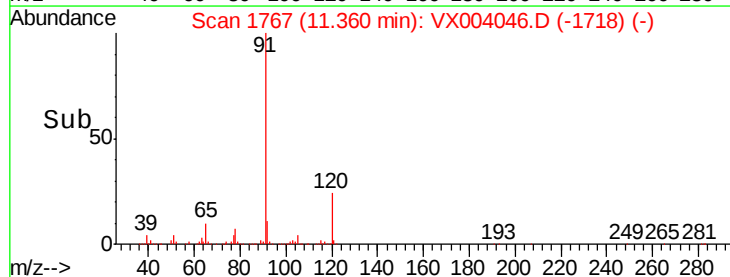
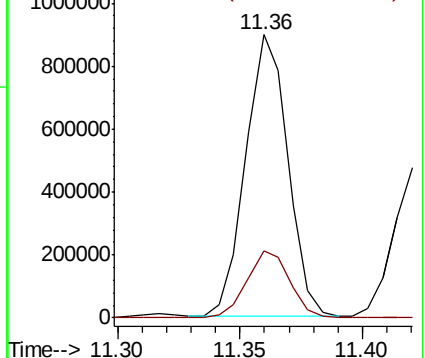
91 100

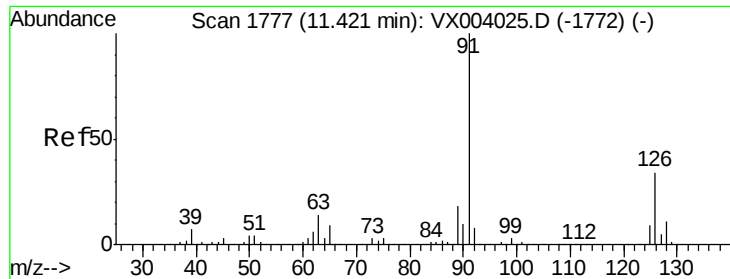
120 24.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

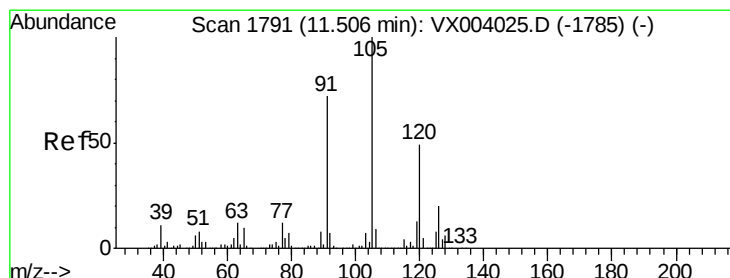
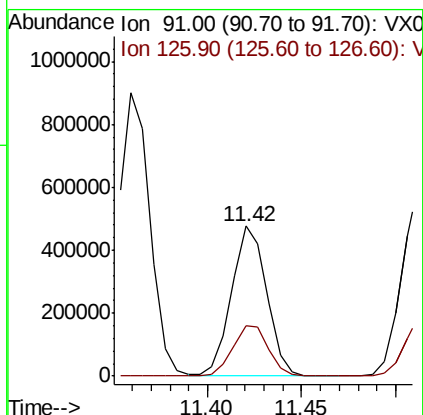
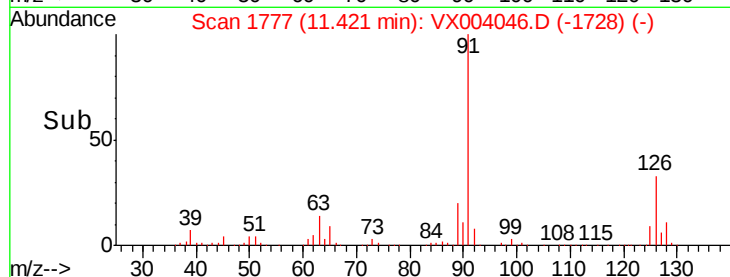
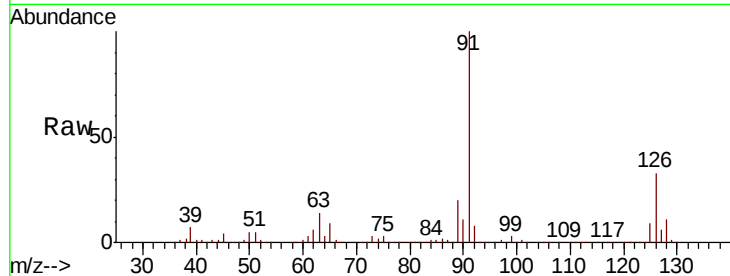




#79
 2-Chlorotoluene
 Concen: 48.987 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

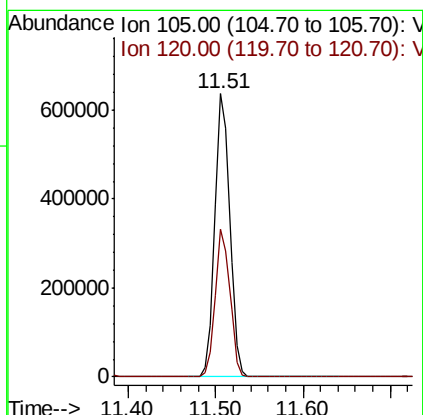
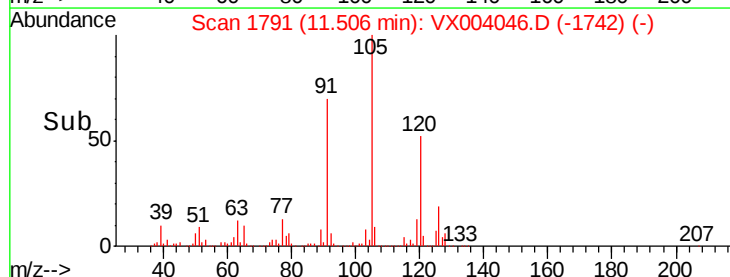
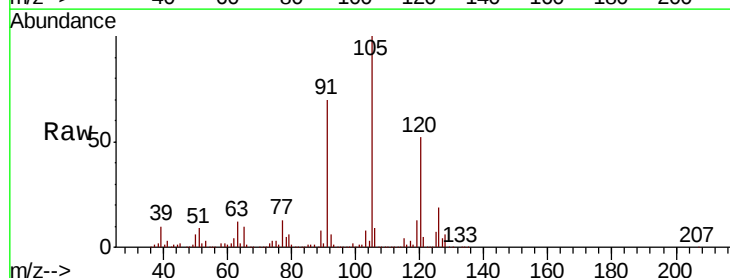
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

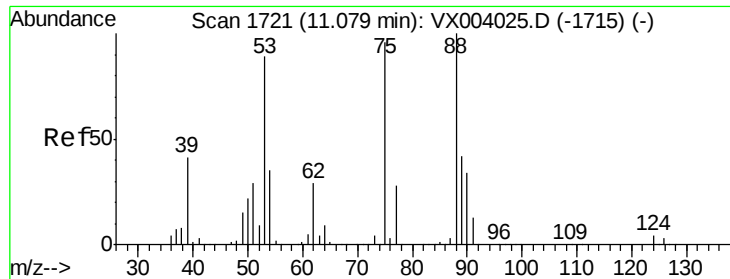
Tgt Ion: 91 Resp: 612173
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.423 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 105 Resp: 756534
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.404 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

BFB

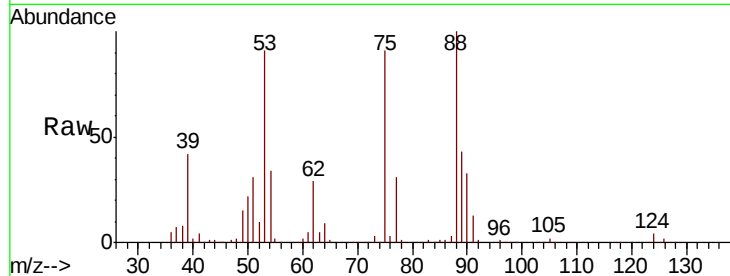
Tgt Ion: 75 Resp: 83154

Ion Ratio Lower Upper

75 100

53 103.0 80.3 120.5

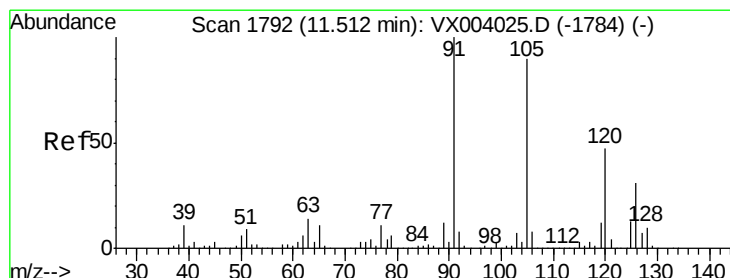
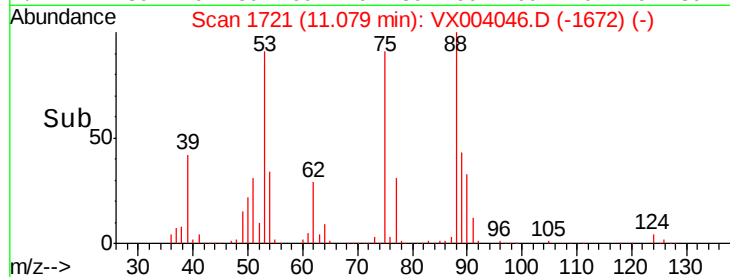
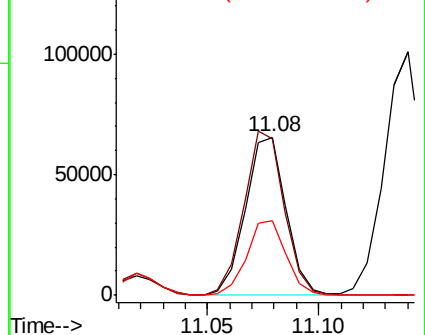
89 46.2 37.8 56.8



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: 48.820 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004046.D

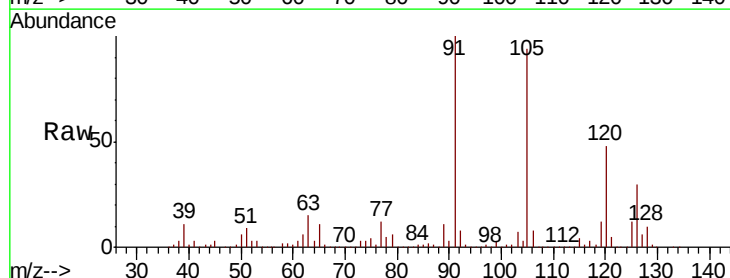
Acq: 14 Aug 2018 23:29

Tgt Ion: 91 Resp: 721162

Ion Ratio Lower Upper

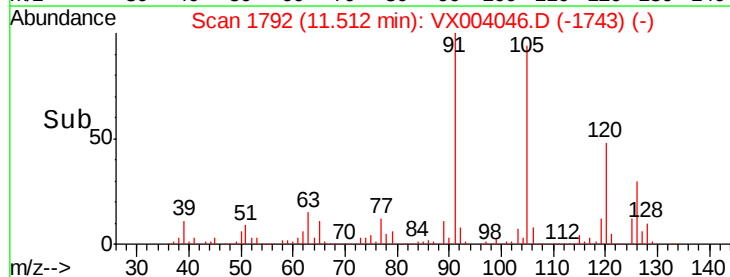
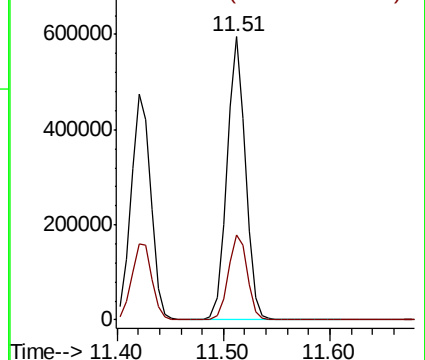
91 100

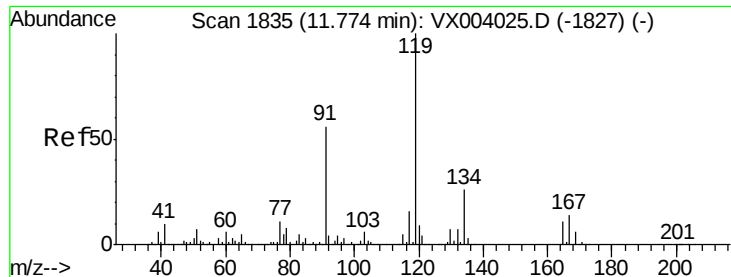
126 30.9 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

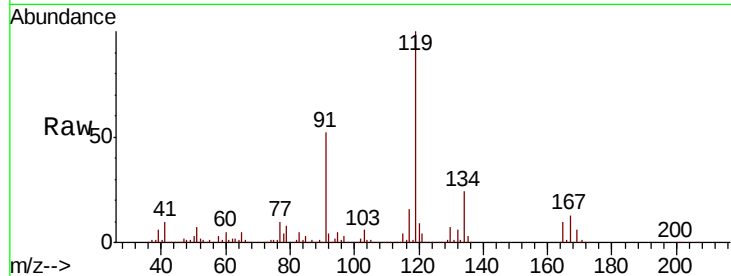




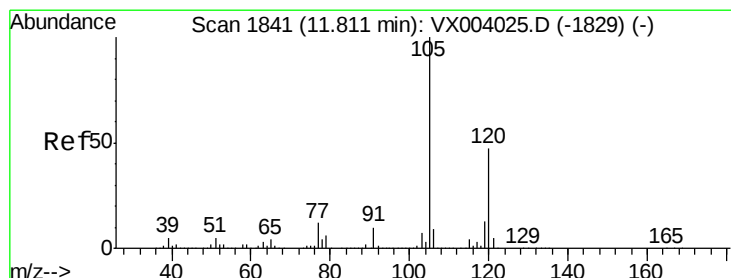
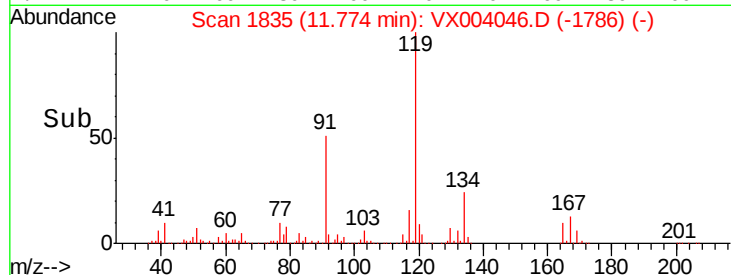
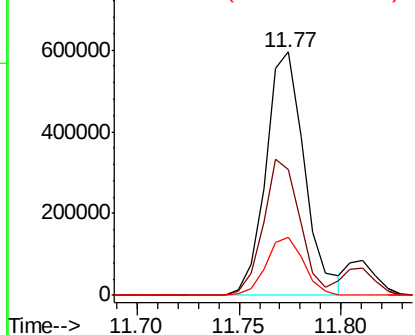
#83
 tert-Butylbenzene
 Concen: 51.803 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion:119 Resp: 783654
 Ion Ratio Lower Upper
 119 100
 91 52.9 26.9 80.7
 134 23.4 12.0 36.0

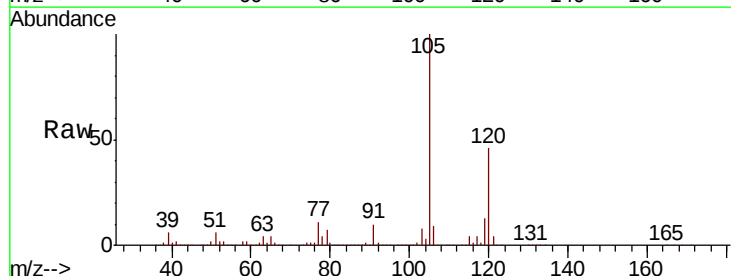


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

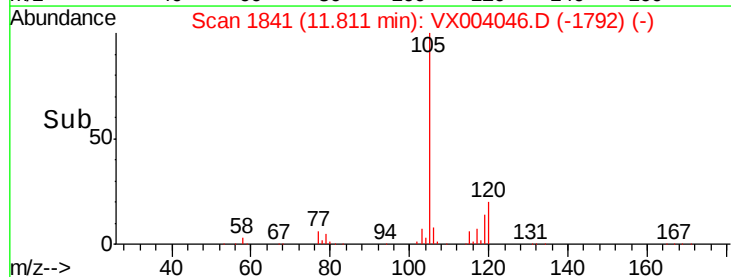
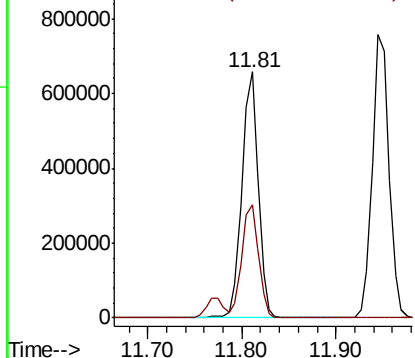


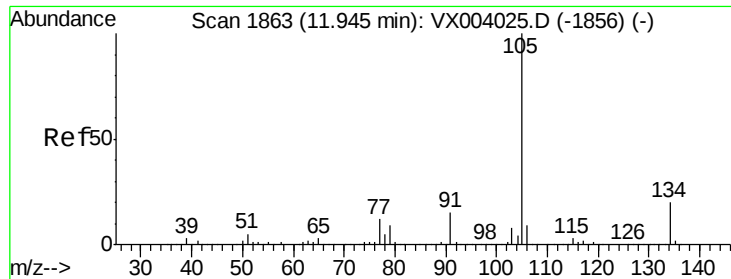
#84
 1,2,4-Trimethylbenzene
 Concen: 51.142 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion:105 Resp: 794712
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

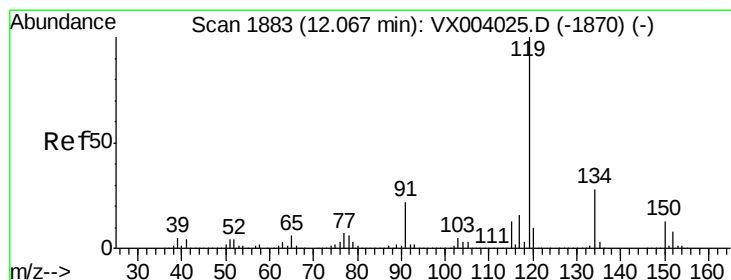
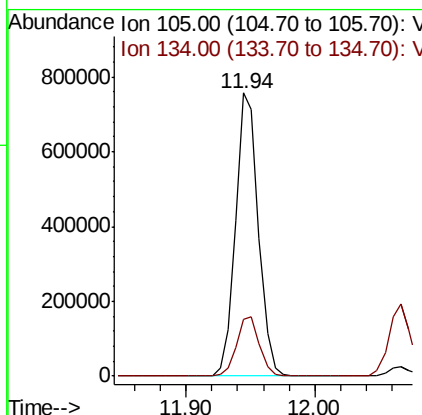
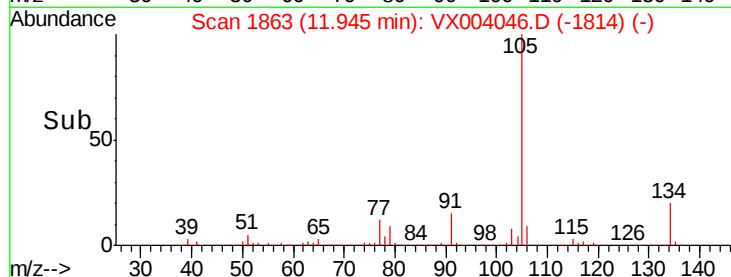
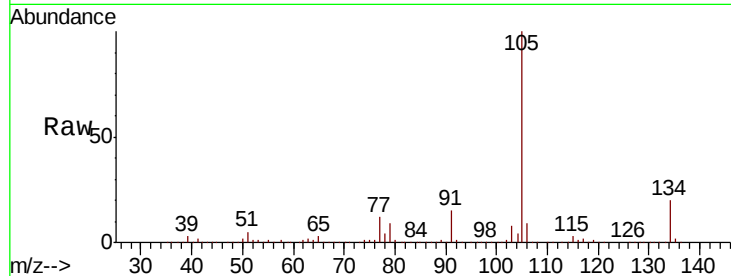




#85
 sec-Butylbenzene
 Concen: 52.583 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

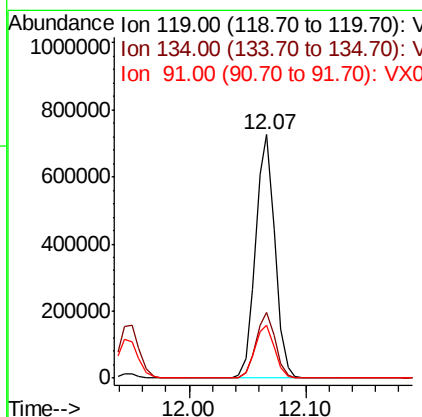
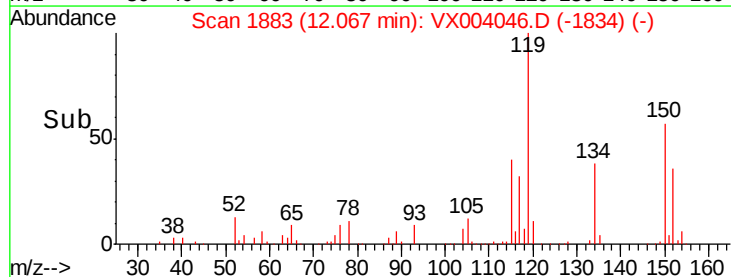
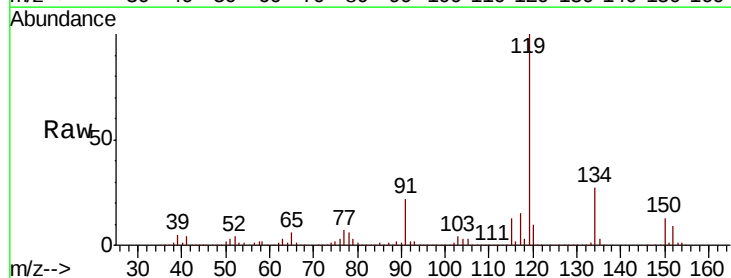
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

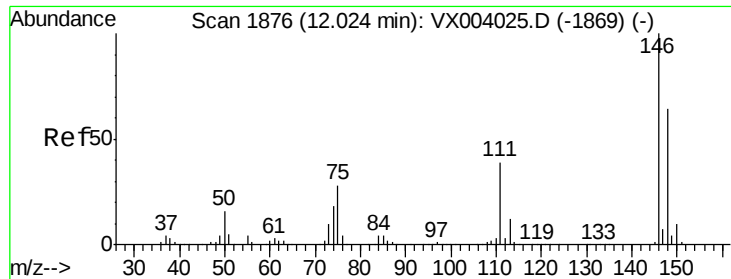
Tgt Ion:105 Resp: 931003
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 52.533 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion:119 Resp: 842042
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.2 10.9 32.7

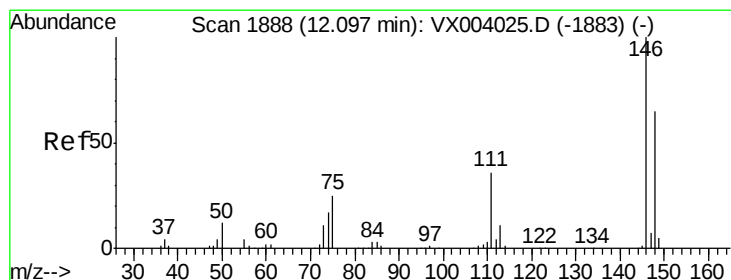
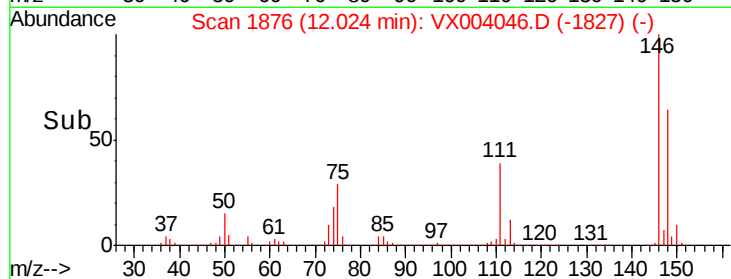
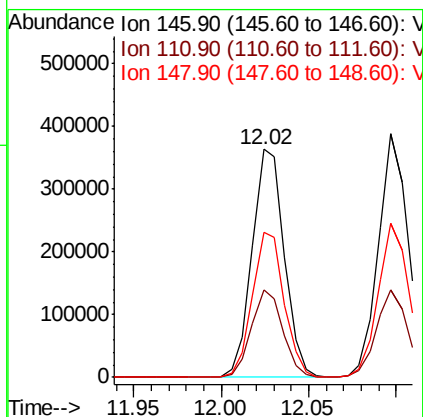
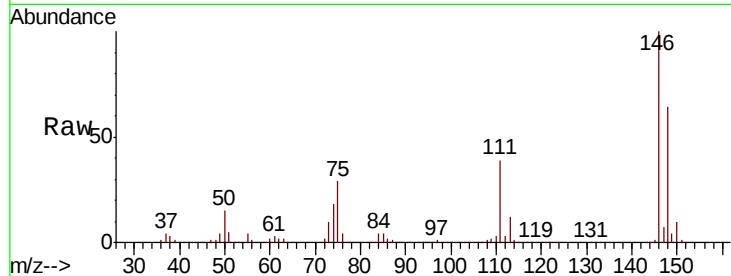




#87
 1,3-Dichlorobenzene
 Concen: 48.327 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

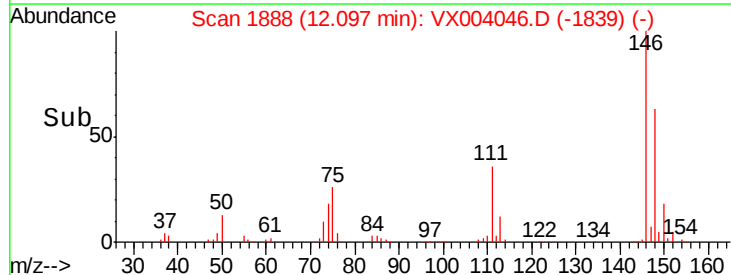
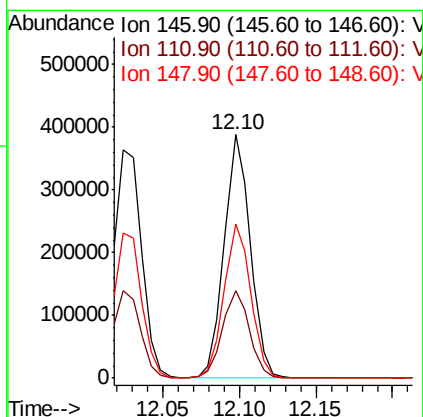
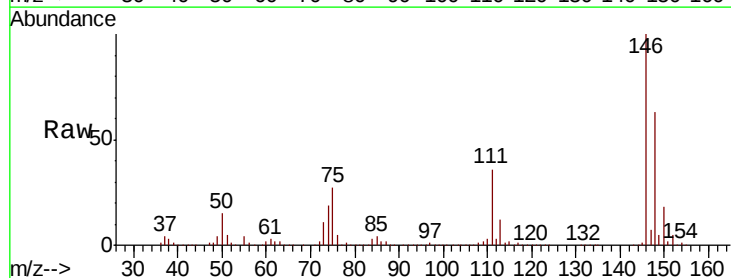
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

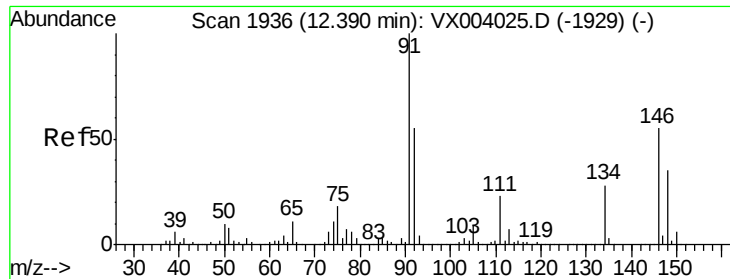
Tgt Ion:146 Resp: 465571
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.4
 148 63.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.365 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion:146 Resp: 459714
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.0
 148 65.0 32.3 96.8





#89

n-Butylbenzene

Concen: 53.964 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004046.D

Acq: 14 Aug 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

BFB

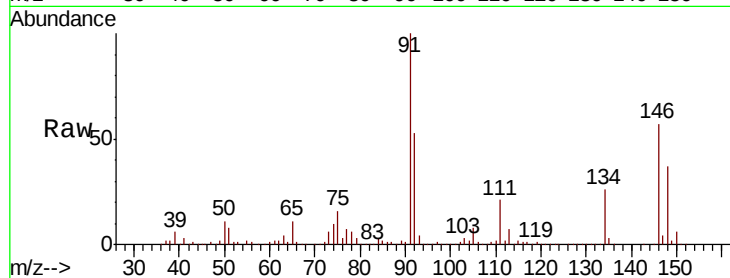
Tgt Ion: 91 Resp: 681582

Ion Ratio Lower Upper

91 100

92 52.8 27.1 81.3

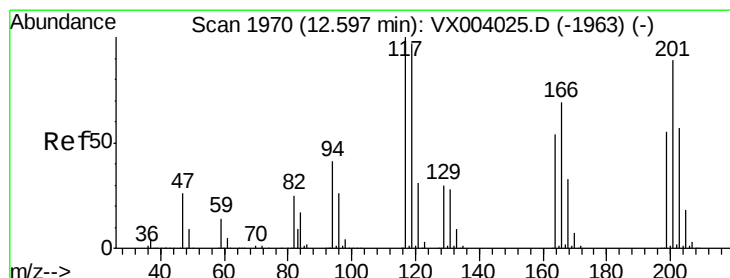
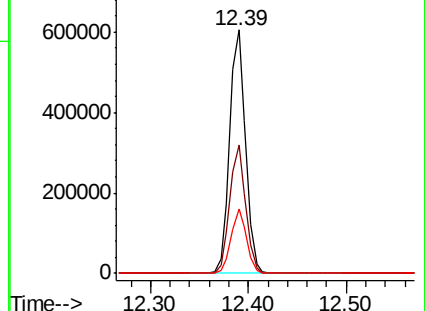
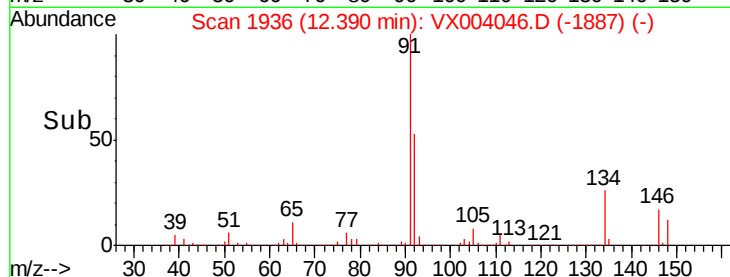
134 25.9 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004046.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX004046.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX004046.D (-1929) (-)



#90

Hexachloroethane

Concen: 48.641 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004046.D

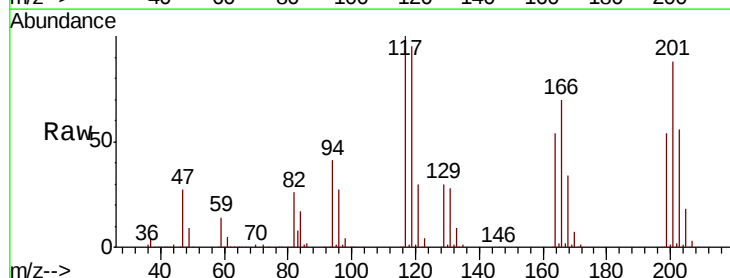
Acq: 14 Aug 2018 23:29

Tgt Ion: 117 Resp: 116655

Ion Ratio Lower Upper

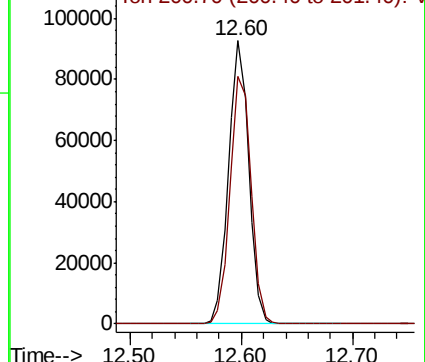
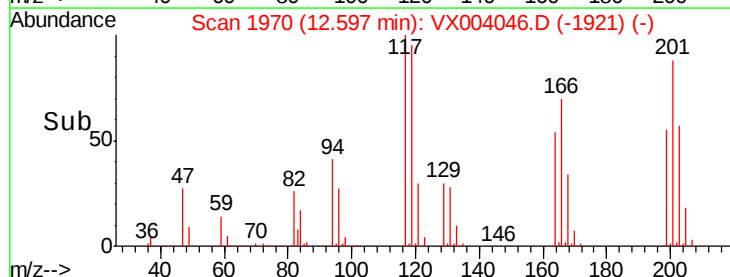
117 100

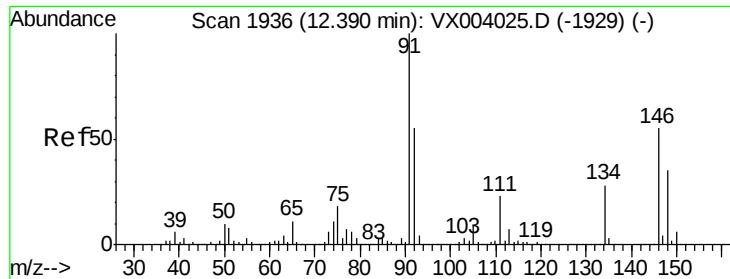
201 90.8 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX004046.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX004046.D (-1963) (-)

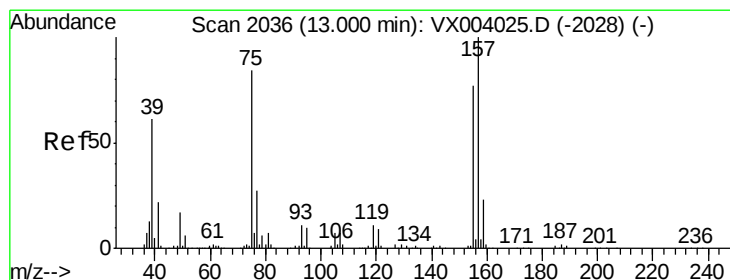
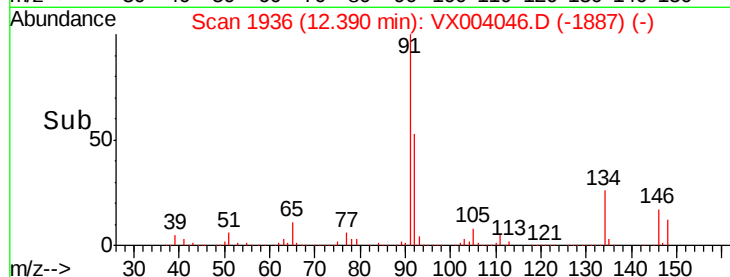
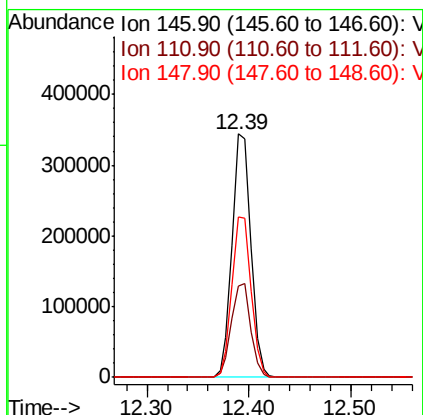
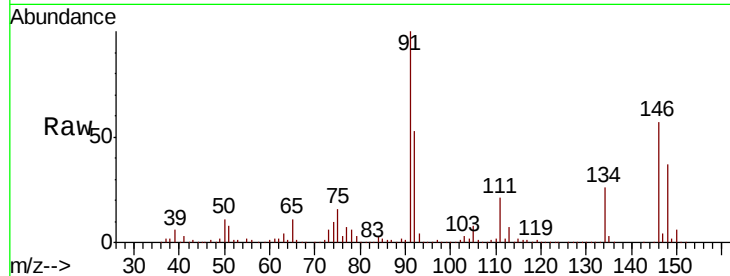




#91
 1,2-Dichlorobenzene
 Concen: 50.112 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

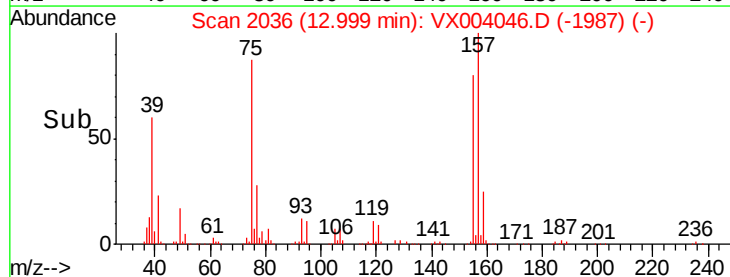
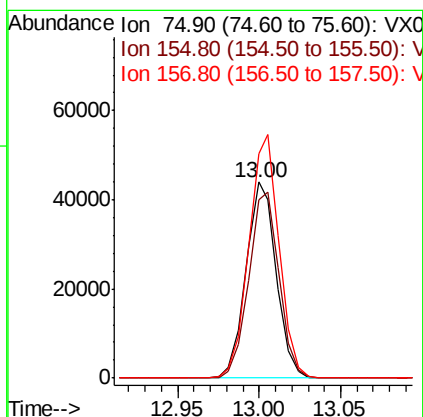
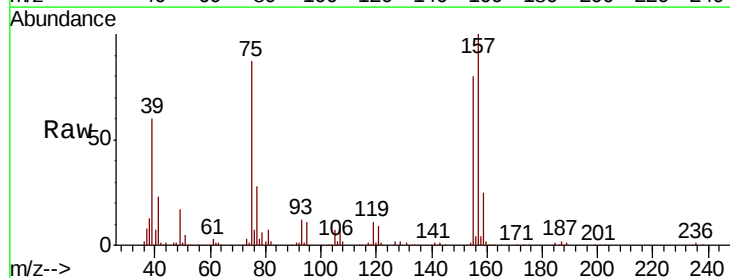
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

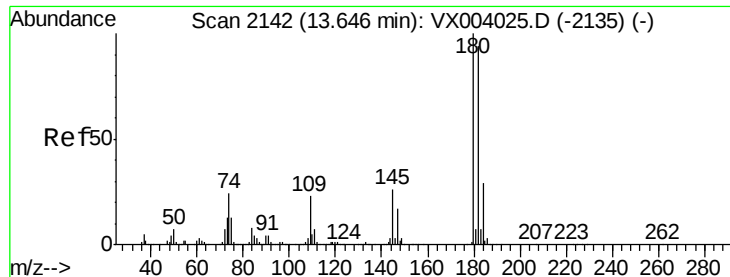
Tgt Ion:146 Resp: 435392
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 67.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.195 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion: 75 Resp: 56451
 Ion Ratio Lower Upper
 75 100
 155 96.0 48.7 146.1
 157 124.1 62.6 187.8

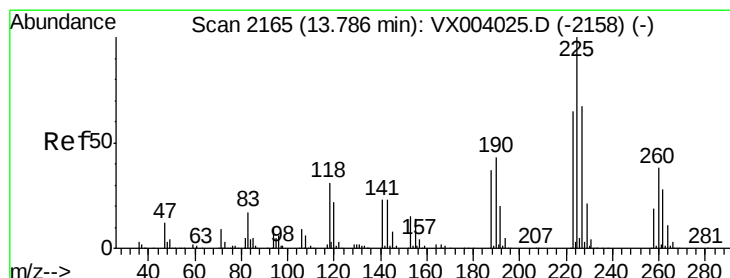
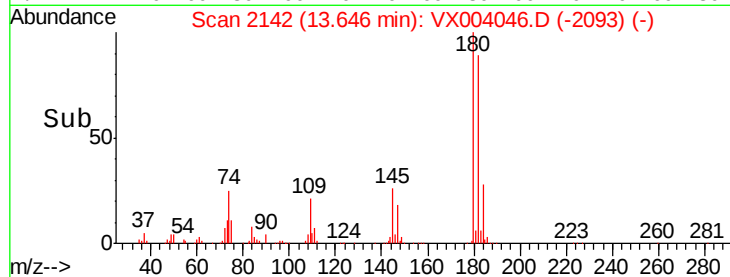
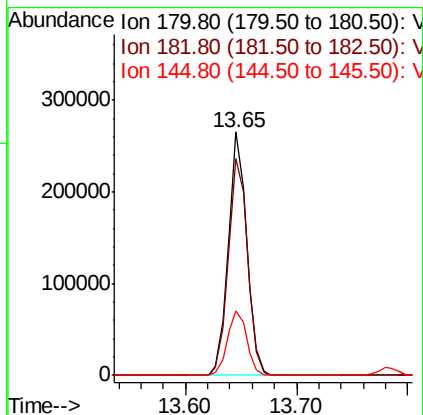
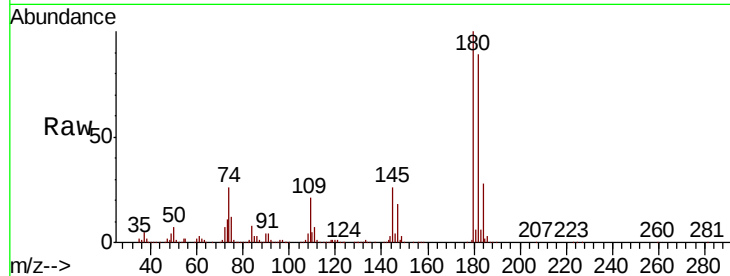




#93
 1,2,4-Trichlorobenzene
 Concen: 50.890 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

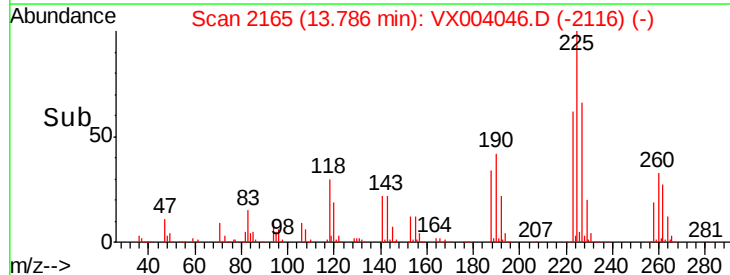
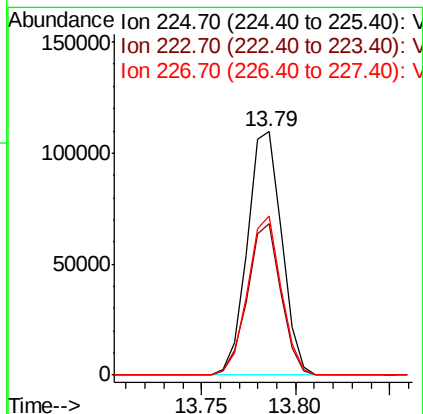
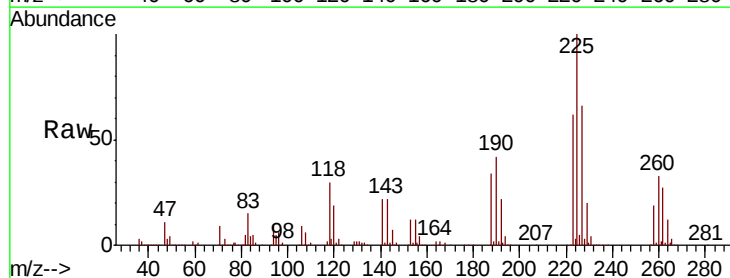
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

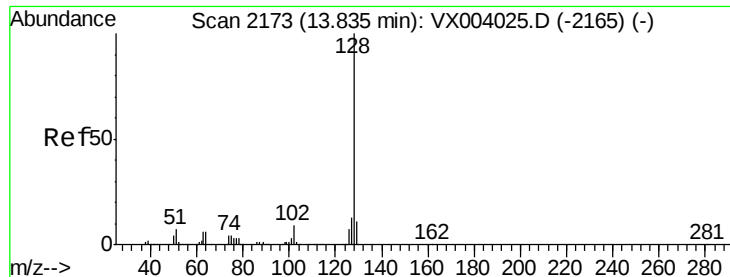
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.7	143.1
145	27.9	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 46.604 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004046.D
 Acq: 14 Aug 2018 23:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.4	94.0
227	63.6	32.1	96.5

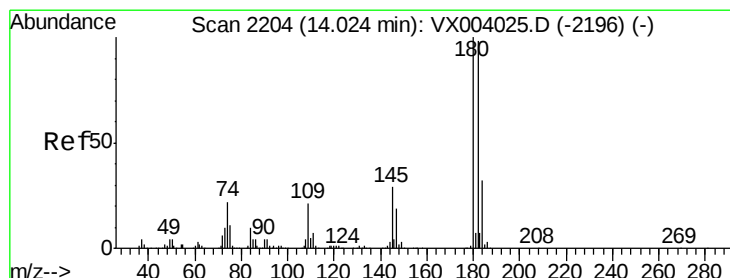
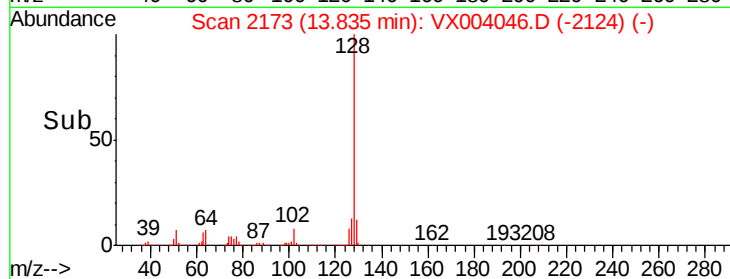
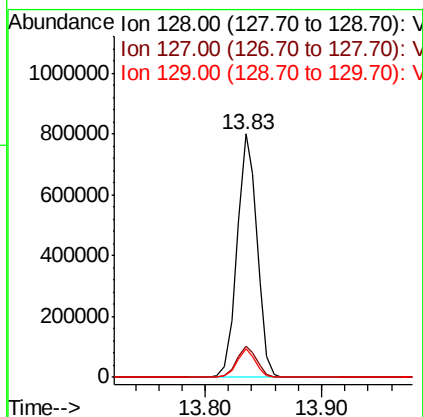
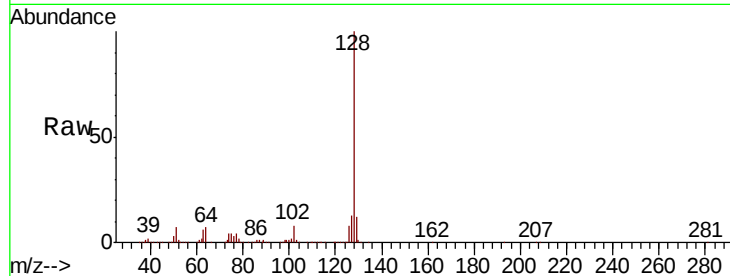




#95
Naphthalene
Concen: 50.549 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 957219
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.920 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004046.D
Acq: 14 Aug 2018 23:29

Tgt Ion:180 Resp: 316810
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.4
145 30.4 14.9 44.7

